

Radio Thack 1986



CAREER OPPORTUNITIES AT RADIO SHACK®



Radio Shack is already the world's largest retailer of consumer electronics, but our success just keeps us growing. As a result, there is a constant demand for professionals to staff our stores, Computer Centres, and service centres. Is there an opportunity that's right for you?

Become a Successful Radio Shack Store Manager

Do you have a University degree or College diploma in business, marketing, computer science, or other related disciplines? Or do you have a solid retail background and well-developed sales skills? If so, you could join our Store Management Training Program. Openings exist in all parts of Canada. Just contact any one of the offices below and ask for a copy of our Management Trainee brochure

Join our Extensive Computer Support Team

Many opportunities exist for trained computer personnel. University or College graduates with computer training or experience are needed for Computer Centre Management Trainee positions. We also require self-motivated men and women as Computer Marketing Representatives. If you have extensive "hands-on" experience with computers and enjoy assisting others, you will be interested in our Customer Service Representative positions. Teaching experience or training could put you in line for a position as a Computer Centre Instructor.

For more information on any of these exciting career opportunities, contact the Barrie Head Office address, listed below

Montreal

(514) 332-9094 8092 South Service Road, St. Laurent, P.Q. H4S 1M5

Toronto

(416) 272-0367 2550 Goldenridge Rd., Unit 70, Mississauga, Ont. L4X 2S3

Barrie

(705) 728-6242 279 Bayview Drive, Barrie, Ont. L4M 4W5

Vancouver

(604) 420-1626 8034 Winston Street, Burnaby B.C. V5A 2H5

Career Opportunities Exist for Qualified Electronics Technicians

Service is one of the most critical factors in Radio Shack's retailing success in Canada. To keep our service network the best in the business, we employ top qualified technicians for computer and consumer electronics products in all major Canadian cities. If you are a graduate of a recognized technical institute, investigate becoming a member of our professional technical support team. To find out more, contact:

National Personnel Department, Box 34,000, Barrie, Ontario L4M 4W5 (705) 728-6242



Look for these signs across the nation they're your promise of more for your money in electronics

Radio Shaek

Over 850 stores and dealers to provide the finest in consumer electronics from coast to coast





Canada's largest network of full-service computer stores, providing a complete selection of computers, software, accessories, training, service and maintenance

Radio Shack Gift Certificates Make it Easy to Give Exclusive, Nationally Advertised Merchandise From the World's Largest Electronics Retailer/Manufacturer

EALISTIC SAFE HOUSE Science Fair MICAL. ■ Spendable at More Than 850 Canadian Locations Available in Any Amount JOFONE MICHONTA Radio Mack ALISTIC II SAFE HOUSE SCIENCE PORTY Stic Gift Certificate Certificat-cadeau NE NI THE AMOUNT OF ** TWENTY-FIVE/VINGT-CINQ ** DOLLARS \$25 JOL EF O DATI NIDATINE / DATI DE LECHANCE STORE NO. / Nº DU MACASIN NOTNEGOTIABLE Presented by: DUOFONE MICAONTA Radio Mack Sci ie. Dresented to: Présenté à: DATE SOLD/DATE DE LA VINTE 160 - REALISTIC @ SAFE HOUSE NE STORE NO. / Nº DU MACASIN ALE HOUSE SURGING! US ADDRESS / ADRESSE SALES SUPNO, / Nº DU BORDERAU

31 Factories to Serve You Better

Radio Shack, a division of NYSE-listed Tandy Corporation, manufactures about 50% of its products at company-owned factories in six countires. Designing and building much of our line helps us deliver the latest technology on time, while keeping costs low and quality high. Founded 65 years ago in Boston, Radio Shack today has over 850 locations in Canada, supported by 70 repair centres and over 2100 people dedicated to quality, value and personal service. Join the over 2 million Canadian households that make Radio Shack their electronics company!

Increase Your Buying Power With A Radio Shack/Bencharge Card



No fee required! Just fill out an application at any Radio Shack store or Computer Centre nationwide. Upon approval by Bencharge, often the same business day, you can take your purchase home. Radio

Shack/Bencharge may be used to finance any initial purchase of \$100 or more, and subsequent purchases of \$50 or more. Payments may be made in full at any time with no prepayment penalty. Credit charge: 1.75% per month (21% annually). Minimum monthly payments: the greater of 1/36th of your balance after each new purchase or \$25.00. Monthly payments quoted in this catalogue are based on selling prices exclusive of any applicable taxes.

Most Locations Also Welcome These Cards



Our Special Services for Business

Radio Shack Computer Centres offer innovative, cost-saving products for business, backed by total support. Call or visit for details on installation, training, on-site or carry-in service. Radio Shack also handles the requirements of corporations and other quantity buyers. In addition, VARs and systems houses can share in our success by offering vertical market application packages configured with our Tandy computers. Please direct your inquiries to:

Special Marketing Division, Radio Shack, 279 Bayview Drive, Barrie Ontario L4M 4W5

Our Commitment to Education

As the importance of computers in education grows, Radio Shack has kept pace by expanding its line of educational software for schools and the home. Today we offer one of the most comprehensive libraries of classroom-proven software available. And with free training programs at our Computer Centres, we're introducing teachers and administrators to the benefits of computer-assisted instruction. Tandy Corporation/Radio Shack is proud to be a major supplier of computers and software to Canadian schools. In addition, Radio Shack supports the development of courseware in such major co-operative ventures as Manitoba's Infotech Centre. For information on microcomputer purchases for Canadian educational institutions, please write:

Radio Shack Education Division, 279 Bayview Drive, Barrie, Ontario L4M 4W5

quick index

Complete Index—92 Quantity Prices—93 Extended Warranty Plan—93

Amplifiers, Stereo	1
Antennas, CB	59
Antennas, TV/FM 91,	×
Antennas, Scanner 10	K
Autosound	X
Autosound	14
Books	SU SC
Cables, Audio	3
Calculators	W.
Cartridges, Phono 2 Cellular Telephone 7 Changers, Turntables 1 Chemical 27, 13	0
Cellular Telephone	
Changers, lumtables	0
Chemicals	9
Citizens Band	N
Clocks	3
Clock Radios	-
Compact Music Systems 3	2
Computer Equipment 16	16
Electrical Devices	2
Electronic Games	17
Headphones	2
Interceme	2
Intercoms	2
Metal Detectors 14	A
Microphonee	9
Microphones	Š
Personal Stereo4	i
Phonographs5	5
Radio Controlled Toys 15	u
Radio Controlled Toys 15 Radios, Portable 10 Radios, Scanning 10 Radios, Shortwave 10 Radios, Table 11 Security Devices 14 Smoke Alarm 14 Soldering Equipment 13 Speaker Systems 1 Speaker Systems 2 Stareo, Hi-Fi 4 Stereo Cassette Decks 3	15
Pedice Seeming 10	2
Padice Charlways 10	5
Radios Table 11	0
Spenity Daviese 14	n
Smoke Alarm 14	4
Soldering Equipment 13	6
Sneaker Systems 1	8
Speakers Replacement 2	2
Stereg. Hi-Fi 4.	8
Steren Cassette Decks 3	2
Tage and Accessories 4	2
Stereo Cassette Decks 3 Tape and Accessories 4 Tape Recorders, Portable 3	4
Telephones	2
Telephone Accessories 7	9
Test Equipment	4
Timers	8
Tools and Hardware 13	6
Telephones	4
I V ACCESSORES	"
TV Sets and Monitors 8	b
VCRs	5
Video	10
Walkie-Talkies 70, 15	6
VCRs 10 Video 10 Walkie-Talkies 70, 15 Watches 14 Weatheradio® Receiver 11	19
Weatheradio® Receiver11	0
Wire 12	27

COMPACT DISC-THE ULTIMATE IN STEREO SOUND

Step Up to Audio Perfection With Radio Shack's Best CD Player



Low As \$25 Per Month on Bencharge

- No Stylus! A Beam of Laser Light Plays the Digitized Music
- Programmable Memory Plays Up to 16 Selections in Any Order
- High-Speed Access to Selections Auto-Search Music System

NEW '86

Available Oct., 1985

Realistic® CD-1200.CD is the new stereo format that Canada is falling in love with. And no wonder! With compact disc there's no rumble, distortion or surface noise. Music seems to emerge from a background of total silence with astonishing clarity and awesome dynamic range. Best of all, the 43/4" discs virtually never wear out with normal handling. And, with thousands of titles available and many more coming out each month, you'll find "your kind" of music on CD. Radio Shack's deluxe player features a tri-spot laser pickup system that assures accurate tracking. The auto-search music system restarts a selection or plays the next selection with the touch of a control. A large fluorescent display indicates track number, index number, elapsed time, remaining play time and mode. There's even a forward/reverse high-speed audible search to help you locate selections. CD is the perfect addition to your stereo system. Come in and discover the ultimate in sound! 42-5002

SPECIFICATIONS

Audio Frequency Response: 5 to 20,000 Hz + 0.5, - 1.0 dB. Signal-to-Noise Ratio: More than 90 dB. Dynamic Range: More than 90 dB. Channel Separation: More than 90 dB at 1 kHz. Harmonic Distortion: 0.004%. Wow and Flutter: Below measurable limits. Output Voltage: 2 volts. Playing Time: 79 minutes, maximum. Power Consumption: 14 watts. Size: 27/a×14×101/2". Included Accessories: Audio output cables.



The very latest in audio technology, yet it's incredibly easy to use. Place a disc in the drawer and push a button for totally automatic play.

State-of-the-Art Digital Stereo Sound at a Breakthrough Low Price



Low As \$25 Per

Month on Bencharge

■ Tri-Spot Laser Pickup System for Totally Accurate Tracking

■ Programmable Memory Plays Up to 15 Selections in Any Order

SPECIFICATIONS

Audio Frequency Response: 5 to 20,000 Hz + 0.5, - 1.0 dB. Signal-to-Noise Ratio: 88 dB. Dynamic Range: 90 dB. Channel Separation: More than 90 dB at 1 kHz. Harmonic Distortion: 0.004%. Wow and Flutter: Below measurable limits. Size: 35/16 x 125/8 x 121/16". Included Accessories: Audio output cables.



The fluorescent display simplifies operation by indicating track number, index number, elapsed time and mode.

Available Nov. 15, 1985

Realistic CD-2000. What a value! This easy-to-operate player lets you add the sensational sound of digital disc to your stereo system at a very modest price. Features include direct, high-speed access to selections, pushbutton repeatplay of an entire disc or any group of preselected tracks plus auto-search music system and high-speed audible search to help you find selections quickly. Come in and try it! 42-5001 399.95

DELUXE VCRS WITH QUICK-TIMER RECORDING



Bencharge Revolving Credit See Page 3



Realistic Model 22. A major breakthrough in VCR technology! The new Super-Beta system increases video detail by 20 percent for a picture improvement you can really seel And Beta Hi-Fi gives you sensational, full-range stereo sound. Simply connect this VCR to your stereo system to enjoy the spectacular audio on Beta Hi-fi prerecorded tapes. You can record the stereo sound of TV/FM simulcasts along with the video. Just flip a switch and you have a long-play audio-only recorder that out-performs cassettes and open-reel. Fully compatible, this VCR will play all Beta II and III prerecorded tapes and you can record your own tapes in either the new

super-Beta or the standard Beta formats. Features include one-touch quick-timer recording, power-interrupt protection, tuner/aux input selector for using accessories without having to switch cables, simple backspace editor for smooth editing as you record. You also get a 13-function wireless infrared remote control, a jam-proof logic-controlled mechanism, a 14-day, 8-event programmable timer, convenient automatic rewind at end of tape, slide-action audio record-level control and LED level meter. Records up to five hours on one L-830 video

New Super Beta Hi-Fi for **Visibly Better** Pictures and **Superb Stereo**

'Low As \$25 per Month on Bencharge

Available Dec. 1985

- 20% More Picture Resolution
- Compatible—Also Plays and Records Regular Beta Tapes
- 105-Channel Cable-Ready **Tuner With 16 Presets**
- 14-Day, Eight-Event Timer



VHS With 14-Day, **3-Event Timer**

NEW '86

*Low As \$25 per Month on Bencharge

- m 105-Channel, Cable-Ready **Tuner With 12 Presets**
- 3 Speeds—Records Up to 8 Hours on One T-160 Tape
- 11-Function Wireless Remote

Realistic Model 14. Beautiful styling with many convenient features. You get quick-timer recording, simple backspace editor, tuner/aux input selector, soft-touch controls for all tape functions and a jam-proof, logic-controlled

soft-touch controls for all tape functions and a jam-proof, logic-controlled power-interrupt protection, high-speed forward/reverse visual search, still-mechanism. It's easy to set the timer to record up to three different programs frame viewing in the EP speed and automatic playback speed selection.



VHS With 14-Day. **One-Event Timer**

NEW 186

*Low As \$25 per Month on Bencharge

- 105-Channel Cable-Ready **Tuner With 12 Presets**
- 3 Speeds—Records Up to 8 Hours on One T-160 Tape
- **9-Function Wired Remote**

Realistic Model 15. Start enjoying prerecorded tapes and the programs

quick-timer recording, power-interrupt protection, switchable tuner/aux input,

OUR PERFECTLY MATCHED HI-FI RACK SYSTEM

Complete With Turntable, Amplifler, Stereo Tuner, Cassette Deck, Rack and Speakers



SYSTEM-600



99900

Reg. Separate Items \$1078.85 (without CD-2000)

*Low As \$28 Per Month on Bencharge

Shown with optional CD player. LPs not included.

Available Sept. 30, 1985

90 WATTS TOTAL POWER

- Audio Rack With Walnut Finish, Tempered Glass Door and Top
- LAB-600 Belt-Drive Turntable With Premounted Magnetic Cartridge
- SA-600 Integrated Stereo Amplifier With Built-In 5-Band Equalizer, 45 Watts per Channel Minimum rms Into 8 ohms from 20-20,000 Hz, With no More Than 0.9% Total Harmonic Distortion
- TM-600 AM/FM Stereo Tuner With FM Muting, 5-LED Tuning Meter
- SCT-600 Stereo Cassette Deck With Dolby* B Noise Reduction And Soft-Touch Controls
- Optimus-600C 3-Way Bass Reflex Speakers with 10" Polypropylene Woofer and Built-In Circuit Breaker Protection

SPECIFICATIONS

FM TUNER: Sensitivity (IHF): 2.8 microvolts (14.2 dBf). Capture Ratio: 2 dB. Signal-to-Noise Ratio: 60 dB. Selectivity: 50 dB. Image Rejection: 40 dB. AMPLIFIER. Frequency Response: 20-20,000 Hz ± 1 dB. Signal-to-Noise Ratio: 65 dB phono, 75 dB aux. CASSETTE DECK. Frequency Response ± 3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (chrome), 40-12,500 Hz (normal). Wow and Flutter: Less than 0.1% WRMS. Signal-to-Noise Ratio: 61 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Rack Size: 40',16 x 18',8 x 17'/2". Speaker Size: 23% x 13% x 8%". "TM Dolby Laboratories Licensing Corp.

Add a CD-2000 Compact Disc Player and Save \$100.



You can get our Realistic CD-2000 compact disc player, reg. \$399.95, at \$100.00 off when purchased with the System 600. With this new stereo format, you'll enjoy the ultimate in hi-fi. The 4%" discs play without rumble, surface noise or distortion. Thousands of titles are available with more to come. See page 4 for the complete description. 42-5001

Realistic System 600. A remarkable combination of most-wanted features, superb sound and ultra-modern styling. Incredibly easy to set up. There's a single plug-in cable that connects the tape deck, tuner and amplifier.

LAB-600 Turntable. Dependable and whisper-quiet belt drive. Features damped cue/pause, convenient out-front controls, magnetic cartridge.

SA-600 Stereo Amplifier. Plenty of power with a built-in frequency equalizer that lets you shape the response to match room acoustics and your personal tastes. LED mode indicators, high filter, loudness control, terminals for main and optional remote speakers.

TM-600 AM/FM Stereo Tuner. FM muting control silences between-station hiss when you tune. Terminals for 300-ohm FM antenna and AM loop antenna plus "F"-type connector for coax FM antenna lead-in.

SCT-600 Stereo Cassette Deck. Dolby B noise reduction lowers tape "hiss" while expanding dynamic range. A 20-segment LED meter and slideaction controls make it easy to record your own great-sounding tapes.

 System 600 Components. 31-1100
 599.00

 Optimus-600-C Speakers. See page 20. 40-8600
 Each 159.95

 Audio Rack. See page 11. 42-8635
 159.95

TOP-VALUE "EVERYTHING" RACK SYSTEM



Bencharge Revolving Credit* See Page 3

Turntable, Amp, Digital-Synthesized Tuner, Dual-Cassette Deck, Rack and Speakers

SYSTEM-800



1399⁰⁰

Reg. Separate Items \$1458.85 (without CD-2000)

Available Dec. 30, 1985

Low As \$39 Per Month on Bencharge

Shown with optional extra CD player. LPs not included

160 WATTS TOTAL POWER

- Audio Rack With Walnut Finish, Tempered Glass Door and Top
- LAB-800 Belt-Drive Turntable With Premounted Magnetic Cartridge
- SA-800 Integrated Stereo Amplifier With Built-In 5-Band Equalizer, 80 Watts per Channel Minimum rms Into 8 ohms from 20-20,000 Hz, With no More Than 0.05% Total Harmonic Distortion
- TM-800 Digital-Synthesized Stereo Tuner With 14-Station Memory
- SCT-800 Dual Stereo Cassette Deck With High-Speed Dubbing and Dolby* B-C Noise Reduction
- Optimus-800C 3-Way Bass Reflex Speakers with Polypropylene Woofer and Built-in Circuit Breaker Protection



SPECIFICATIONS

FM TUNER. Sensitivity (IHF): 2.8 microvolts (14.2 dBf). Capture Ratio: 2 dB. Signal-to-Noise Ratio: 60 dB. Selectivity: 50 dB. Image Rejection: 40 dB. AMPLIFIER. Frequency Response: 20 to 20,000 Hz ± 1 dB. Signal-to-Noise Ratio: 65 dB phono, 85 dB aux. CASSETTE DECK. Frequency Response ± 3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (chrome), 40-12,500 Hz (normal). Wow and Flutter: Less than 0.1% WRMS. Signal-to-Noise Ratio: 70 dB Dolby C, 60 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Rack Size: 40¹/16×16³/a×17¹/z". Speaker Size: 25¹/8 x x 14½ x 10½". "TM Dolby Laboratories Licensing Corp.

Add a Compact Disc Player and Save \$100.00



Our Realistic CD-2000 compact disc player, reg. \$399.95, is yours at \$100. off when purchased with the System 800. With CD, you'll enjoy music with incredible clarity and wide dynamic range. And since the discs are played by a laser beam instead of a stylus, they last virtually forever with normal handling. See page 4 for full description. 42-5001

Realistic System 800. Combines EVERY important feature, advanced circuit design and a luxurious "look of tomorrow" appearance. With this system you get stereo listening and recording at its very finest.

LAB-800 Turntable. Dependable and whisper-quiet belt drive. Features damped cue/pause, convenient out-front controls, magnetic cartridge.

SA-800 Stereo Amplifier/Equalizer. The control center of this magnificent, high-power system. Built-in equalizer, ultra-modern touch-sensor function selectors, and two-range, 20-segment LED power output meter.

TM-800 AM/FM Stereo Tuner. Advanced digital-synthesized system gives you accurate tuning with a precise fluorescent frequency display. Touch-select memory for 7 FM and 7·AM stations. LED signal strength meter. SCT-800 Stereo Dual-Cassette Deck. Makes high-quality copies of your

SCT-800 Stereo Dual-Cassette Deck. Makes high-quality copies of your personal tapes in half the normal time. Or, you can listen while you dub in "real time." Will also play two tapes in sequence automatically. Dolby B and C noise reduction, selectors for metal, chrome and normal tapes.

 System 800 Components. 31-1120
 899.00

 Optimus-800C Speakers. See page 19. 40-8800
 Each 199.95

 Audio Rack. See page 11. 42-8635
 159.95

SUPER-POWER DIGITAL-SYNTHESIZED RECEIVER



100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

669⁹⁵

- Precision Quartz Crystal Locks Each Station Precisely On-Channel
- Search, Memory, and Manual Tuning Fluorescent Power/Tuning Meters

*Low As \$25 Per Month on Bencharge

Specifications

AMPLIFIER. Response: 20-20,000 Hz ±1 dB S/N: 84 dB phono, 100 dB aux. Phono Overload: 160 mV. Phono Equalization: RIAA ±2 dB. FM TUNER. Sensitivity (IHF): 1.7 μV (9.8 dB)). S/N: 70 dB. Capture Ratio: 1.5 dB. Selectivity: 70 dB. Image Rejection: 70 dB. IF Rejection: 85 dB. Stereo Harmonic Distortion: 0.2%. Channel Separation (at 1 kHz): 52 dB. EXTERNAL CONNECTIONS: AM antenna and 75 or 300-ohm FM antenna. A and B speaker pairs, stereo headphone, tape 1 and 2 input output, magnetic phono 1 and 2, Aux/TV, two AC convenience outlets. SIZE: 43/4 × 18 × 121/4".





Save \$27080

1089⁰⁰

*Low As \$31 Per Month on Bencharge

■ Realistic STA-2500 Stereo Receiver

■ Two Optimus® T-120 Tower Speakers

■ LAB-430 Direct-Drive Turntable With

\$39.95 Moving-Magnet Cartridge

Reg.

Separate

Items

1359.80

Save \$35075

1429°C

Reg. Separate Items 1779.75

*Low As \$42 Per Month on Bencharge

- STA-2500 Two Optimus-400 Speakers
- LAB-1600 Front-Loading, Linear-Tracking Turntable With Magnetic Cartridge
- SCT-60 Cassette Deck

Make It Realistic For the Sounds of Your Life

\$500 70

1989

Reg. Separate Items 2489.70

*Low As \$56 Per Month on Bencharge

- STA-2500 Receiver 2 Mach-Two Speakers
 CD-1200 Compact Disc Digital Audio Player
- SCT-80 Cassette Deck Audio Rack

8

HIGH POWER PLUS STEREO EXPANDER



Bencharge Revolving Credit* See Page 3



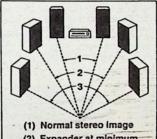
65 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

*Low As \$25 Per Month On Bencharge

■ Stereo Expander Dramatically Enlarges the Stereo Sound Image

■ Precise Digital-Synthesized Tuning ■ 14-Segment LED Power Meter

Realistic STA-2270. A remarkable combination of advanced features and clean, dynamic audio power. Stereo Expander creates an illusion that sound is coming not only from between your speakers, but also outside this area! It gives the sound an amazing "live" quality even when your speakers must be closely spaced. The tuner features a search mode for scanning up and down the bands automatically—the system stops at each station and locks it in with quartz accuracy. The digital fluorescent display shows you the exact frequency. Program 6 stations each on AM and FM in the memory for instant access to your favorite, or use the feather-touch control bar for manual tuning. FM muting eliminates tuning noise between stations. "30 Hz cut" button cuts power-robbing subsonic distortion. 11-step bass, treble and midrange controls. Also has monitor and dubbing controls for two tape decks. LED Stereo Expander/FM Stereo/Memory indicators. 31-3005 529.95



- (2) Expander at minimum
- (3) Expander at maximum

Specifications

AMPLIFIER. Response: 20-20,000 Hz ±1 dB. S/N: 85 dB phono, 100 dB aux. Phono Overload: 165 mV. FM TUNER. Sensitivity (IHF): 1.7 μV (9.8 dBf). Capture Ratio: 1.25 dB. S/N: 75 dB. Selectivity: 75 dB. Image Rejection: 78 dB. Stereo Harmonic Distortion: 0.08%. Separation (at 1 kHz): 53 dB. EXTERNAL CONNECTIONS: AM and 75 or 300-ohm FM antennas. A and B speaker pairs, mag. phono, headphone, aux, tape 1 and 2 in/out, AC outlet. SIZE: 43/4 x 183/4 x 113/4".



Save \$24080 SYSTEM

Reg. Separate Items 1179.80

'Low As \$28 Per Month on Bencharge

- Realistic STA-2270 Stereo Receiver
- ■.Two Optimus-800C Speaker Systems
- LAB-1600 Front-Loading, Linear-Tracking Turntable With Magnetic Cartridge



\$32075

SYSTEM

Reg. Separate Items 1619.75

*Low As \$37 Per Month on Bencharge

- STA-2270 Stereo Receiver
- Two Optimus T-120 Speakers
- SCT-60 Cassette Deck LAB-2100 Linear-Tracking Turntable



Reg. Separate Items 2069.70

*Low As \$48 Per Month on Bencharge

- STA-2270 2 Optimus-400 Speakers
- w Compact Disc Digital Audio Player
- SCT-80 Cassette Deck Audio Rack

DIGITAL-SYNTHESIZED RECEIVERS AND SYSTEMS

Programmable AM/FM Stereo Receiver Packed With Power

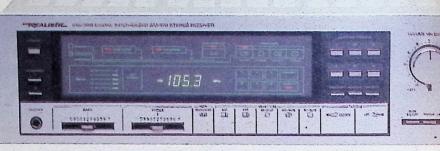
NEW '86

Low As \$25 Per Month on Bencharge

- Computerized Memory Stores Up to 6 AM And 6 FM Stations for Instant Recall
- Digital Fluorescent Frequency Display

Realistic® STA-780. Microprocessor technology puts precision controls and dynamic audio power at your fingertips. The tuner features a search mode that lets you scan up and down the FM and AM bands. The system stops at each station and locks it on-channel, automatically skipping over weaker sta-tions. Or use the feather-touch control bar for manual tuning. LED function indicators, 5-segment LED signal strength meter, plus FM stereo, search and station memory LEDs. FM muting eliminates tuning noise between stations, subsonic filter reduces power-robbing distortion. Loudness for enhanced bass response at low volume. Bass and treble slide controls, A/B speaker pair and stereo/mono pushbuttons. 31-2068 ...

AMPLIFIER. Response: 20-20,000 Hz ±1 dB. S/N: 84 dB phono, 92 dB aux. Phono Overload: 120 mV. FM TUNER. Sensitivity (IHF): 1.9 μV (10.8 dBf). Capture Ratio: 1.5 dB. S/N: 72 dB. Stereo Harmonic Distortion: 0.2%. Separation (at 1 kHz): 48 dB. EXTERNAL CONNECTIONS: AM and 75 or 300-ohm FM antenna, magnetic phono, tape in/out, TV/Aux, CD/Aux, A and B speaker pairs, 1/4" headphone. SIZE: 43/4×161/2×105/8".



45 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.08% TOTAL HARMONIC DISTORTION



Save \$21080 Reg. Separate Items 1039.80

829°°

Low As \$25 Per Month on Bencharge Realistic STA-780 Digital-Synthesized AM/FM Stereo Receiver

■ Two Optimus®-45 3-Way Speaker Systems

■ LAB-430 Direct-Drive Automatic Turntable



SYSTEM Save \$32070 Reg. Separate Items 1599.70

Low As \$37/Month on Bencharge

- Realistic STA-780 AM/FM Stereo Receiver m Two Optimus-800C 3-Way Speaker Systems
- LAB-1600 Linear-Tracking Turntable
- SCT-60 Dual-Cassette Deck Audio Stand

Space-Efficient Slim-Line AM/FM Stereo Receiver

*Low As \$25 Per Month on Bencharge

- Digital Display Recessed Amplifier Controls
- Memory Stores Up to 6 AM/6 FM Stations

Realistic STA-114. A very space-efficient high-tech receiver that's also user-friendly. Just hold the feather-touch tuning control in forward or reverse mode and the digital system locks in the next station with quartz accuracy. You can store up to 12 stations in memory for instant recall. FM stereo and function LED indicators, 5-step LED signal strength meter. Frequently used controls are located on the front panel for easy access, while the amplifier controls are behind a protective hinged window. Hi-MPX filter cleans up weak stereo signals, FM muting blanks interstation noise, and a subsonic filter reduces distortion. Loudness, tape monitor, A/B speaker

AMPLIFIER. Response: 20-20,000 Hz ± 1 dB. S/N: 84 dB phono, 95 dB aux. Phono Overload: 155 mV. FM TUNER. Sensitivity (IHF): 1.7 μ V (9.8 dBf). Capture Ratio: 1.5 dB. S/N: 70 dB. Selectivity: 60 dB. image Rejection: 70 dB. Stereo Harmonic Distortion: 0.2%. Separation (at 1 kHz): 45 dB. SIZE: 25/8×113/4×73/4".



30 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

SYSTEM



Save \$17080

Reg. Separate Items 869.80

Low As \$25 Per Month on Bencharge ■ Realistic STA-114 Digital-Synthesized

- Slim-Line AM/FM Stereo Receiver m Two Optimus-600C 3-Way Speaker Systems
- LAB-320 Linear-Tracking Turntable



Save \$ 24075

Reg. Separate Items 1189.75

Low As \$28 Per Month on Bencharge

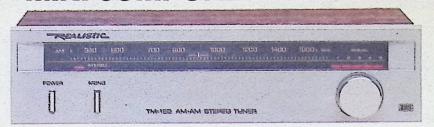
m Realistic STA-114 Slim-Line Receiver

- Two Optimus-45 3-Way Speaker Systems
- LAB-430 Direct-Drive Turntable
- m Audio Component Rack

MINI COMPONENTS AND AUDIO RACKS



Bencharge Revolving Credit*



Mini-Size AM Stereo Tuner Adds a New Dimension to Your AM Entertainment

NEW '86 Available Dec. 30, 1985

Realistic TM-152. Now you can enjoy a wider choice of stereo programming. This tuner pulls in full-dimensional stereo from any AM station broadcasting the Motorola stereo system. Also receives AM mono. Mono/stereo button, AM-stereo LED, built-in antenna and terminals for external antenna. Walnut vinyl veneer. 2½ x 9½ x 6". 31-1967...79.95

- Low-Cost Way to Add AM Stereo to Your System
- 5-Segment LED Signal Strength Level Meter
- Slim-Line Styling With Aluminum Front Panel

Matching Stereo Mini Tuner and Amplifier



Use Together as a Mini System Or With Other Components

Realistic SA-150 Stereo Amplifier. Use

Realistic TM-150 AM/FM Stereo Tuner. Phase-locked loop circuitry for superb stereo. Mono switch, FM-stereo LED and lighted dial. AM antenna, terminals for external FM antenna. 21/2×9×6". .79.95



Stereo Micro Amplifier

Realistic SA-10. Space-saving amp has inputs

Save \$ 2075

Reg. Separate Items 247.75 SYSTEM

Low As \$25 Per Month on Bencharge



- Realistic SA-10 Stereo Micro Amplifier m Realistic TM-150 AM/FM Stereo Tuner
- Two Minimus®-0.3 Cube Speaker Systems
- m SCP-30 Stereo Cassette Playback Deck

Save \$6075

Reg. Separate Items 299.75 SYSTEM

Low As \$25 Per Month on Bencharge

- m Realistic SA-150 Stereo Mini Amplifier ■ Realistic TM-152 AM/AM Stereo Tuner
- Two Minimus-17 Walnut Veneer Speakers
- SCP-30 Stereo Cassette Playback Deck

Save \$7475

Reg. Separate Items 393.75

SYSTEM

Low As \$25 Per



- m Realistic SA-150 Stereo Mini Amplifier
- m Realistic TM-150 AM/FM Stereo Tuner
- Two Minimus-25 2-Way Speaker Systems
- s SCP-25 Auto-Reverse Cassette Play Deck

"Rack System" Cabinet



*Low As \$25 Per Month on Bencharge

Especially designed for storage of our new "rack" System 600 and System 800 (see pages 6 and 7). Full-length tempered glass door and hinged glass top, three shelves (1 adjustable), heavyduty casters. 18% x 16% x 40%". Easy assembly.



Our Finest Audio Cabinet

Low As \$25 Per Month on Bencharge

Lots of room for components. Four shelves (3 adjustable) and separate cabinet with record racks. Double hinged glass doors with push-to-open magnetic catches. Swivel casters. 21% x 19% x 50". Easy assembly. 42-8634 199.95

A Classic Organizer



'Low As \$25 Per Month on Bencharge

Hinged glass top and front panel make it ideal for either frontloading or traditional turntables. Four shelves (2 adjustable). heavy-duty casters. 21½ x 15¾ x 43¼". Easy assembly. 42-8633 159,95

Take Advantage of Radio Shack's Extended Warranty Plan - See Page 93/Cabinets Do Not Include Components or Accessories

2 GREAT RECEIVERS AND MONEY-SAVING SYSTEMS

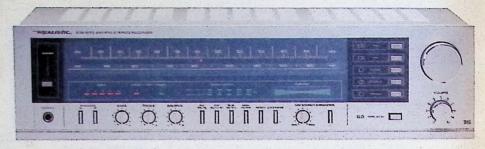
65 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0,08% TOTAL HARMONIC DISTORTION

Powerful AM/FM Receiver With IMX[†] Stereo Expander

†TM SCI Acoustics Inc.

NEW '86

*Low As \$25 Per Month on Bencharge



- Stereo Expander Creates Dramatically Enlarged Sound Images Ordinary Receivers Can't Match
- 11-Segment LED Audio Power Output Meter

Realistic® STA-870. Features patented IMX Stereo Expander which creates the illusion that sound is coming not only from between your speakers, but also *outside* this areal The sound takes on an amazing "live" quality. Five-segment signal strength meter, tape in/out and phono jacks, plus aux input for adding VCR or video disc sound. Special noise-cancelling circuitry eliminates switching "pops" that can damage speakers. Controls for FM mute, loudness, tape monitor, A/B speaker pairs. Lighted dial pointer. 1/4" stereo headphone jack. Metal case. 31-3001 449.95

AMPLIFIER. Response: 20-20,000 Hz ±1 dB. S/N: 83 dB phono, 86 dB aux. Phono Overload: 175 mV. FM TUNER. Sensitivity (IHF): 1.7 IV (9.8 dBf), Capture Ratio: 1.0 dB, S/N: 78 dB, Selectivity: 65 dB, Image Rejection: 60 dB, Stereo Harmonic Distortion: 0.15%, Separation (at 1 kHz): 48 dB, SIZE: 43/4×181/2×105/6".



Save \$18080

Reg. Separate Items 919.80 *Low As \$25 Per Month on Bencharge

- Realistic STA-870 Stereo Receiver
- Two Optimus®-600C 3-Way Speaker Systems
- LAB-320 Belt-Drive Automatic Turntable With \$29.95 Magnetic Cartridge



Save \$31070

Reg. Separate Items 1539.70 ·Low As \$37 Per Month on Bencharge

- Realistic STA-870 Stereo Receiver
- Two Optimus-45 3-Way Speaker Systems
- LAB-430 Direct-Drive Automatic Turntable
- SCT-60 Dual-Cassette Deck Audio Rack

24 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.03% TOTAL HARMONIC DISTORTION

Start Your Stereo System With This Solid Performer

*Low As \$25 Per Month on Bencharge

SYSTEM

- Auto-Magic® Fine-Tunes FM Stations for You
- "30 Hz Cut" Reduces Subsonic Distortion
- 5-Step LED Signal Strength Meter Aids Tuning

Realistic STA-115. A lot of receiver for the money. Fully expandable-inputs/outputs for adding a tape deck, turntable, two pairs of speakers, plus an aux input for VCR or laser disc sound. Noise-cancelling circuitry eliminates speaker "pops" while switching. Wide lighted tuning dial and 11-step bass, treble and volume controls. Oversize selectors for "30

AMPLIFIER. Response: 20-20,000 Hz ±1 dB. S/N: 85 dB phono, 88 dB aux. Phono Overload: 120 mV. FM TUNER. Sensitivity (IHF): 1.9 µV (10.8 dB), Capture Ratio: 1.2 dB, S/N: 74 dB, Selectivity: 60 dB, Image Rejection: 65 dB, Stereo Harmonic Distortion: 0.2%. Separation (at 1 kHz): 45 dB. SIZE: 41/16×165/16×111/4".



Save \$12080

900 Reg. Separate Items 589.80 *Low As \$25 Per Month on Bencharge

- m Realistic STA-115 Stereo Receiver
- m Two MC-1201 2-Way Speaker Systems
- = LAB-210 Belt-Drive Automatic Turntable With Magnetic Cartridge



Save \$19075

Q00 Reg. Separate Items 939.75 Low As \$25 Per Month on Bencharge

- m Realistic STA-115 Stereo Receiver
- Two Nova®-15 2-Way Bass-Reflex Speakers ■ LAB-320 Belt-Drive Automatic Turntable
- SCT-72 Soft-Touch Dual-Cassette Deck

Apply for Your Radio Shack/Bencharge Card Today and Increase Your Buying Power

MORE BEAUTIFUL BARGAINS IN STEREO



Bencharge Revolving Credit* See Page 3

5 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.09% TOTAL HARMONIC DISTORTION

Personal-Size AM/FM Stereo Receiver Fits Almost Anywhere

NEW '86

159⁹⁵

POWER PREALISTIC COMES

TAPE-IN PROVIDE BALANCE VILLIANE
PROVED OF THE POWER OF THE

*Low As \$25 Per Month on Bencharge

- Exclusive Auto-Magic Fine-Tunes FM for You
- 1/8" Jack for Lightweight Stereo Headphones
- 1/8" Jack for Adding a Mini Cassette Player

Realistic STA-19. Don't let the small "desktop" size fool you—its a solid performer that delivers superb sound! It's ideal for powering a small system in dorm or office, or a second system in your den or workshop. Special EQ switch provides uniform energy output at all frequencies for a rich, full sound even from mini-speakers. FM-stereo and tuning LEDs, easy-to-read tuning dial with LED pointer. Loudness control enhances bass response at low volume. Function switch for FM auto, AM, phono and tape. Walnut vinyl-overmetal case. 31-1975.

AMPLIFIER. Response: 40-20,000 Hz ± 1 dB. S/N: 70 dB phono, 72 dB aux. FM TUNER. Sensitivity (IHF): 7.0 µV (22.3 dBf). Capture Ratio: 3.0 dB. S/N: 60 dB. Selectivity: 55 dB. Image Rejection: 38 dB. Stereo Harmonic Distortion: 1.0%. Separation (at 1 kHz): 35 dB. SIZE: 25/a x 103/a x 63/4".



Save \$6085

Reg. Separate Items 299.85 239⁰⁰

*Low As \$25 Per Month on Bencharge

- Realistic STA-19 Personal-Size AM/FM Stereo Receiver
- Two Minimus®-7 2-Way Speaker Systems



Save \$100 80
Reg. Separate Items 489.80

389⁰⁰

*Low As \$25 Per Month on Bencharge

- m Realistic STA-19 AM/FM Stereo Receiver
- Two Minimus-35 2-Way Speaker Systems
- LAB-210 Belt-Drive Automatic Turntable With Magnetic Cartridge

14 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.3% TOTAL HARMONIC DISTORTION

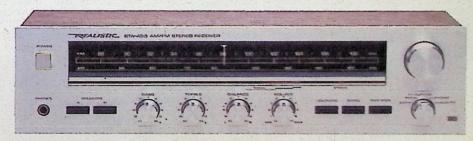
Affordable AM/FM Stereo Receiver With Auto-Magic

19995

*Low As \$25 Per Month on Bencharge

- Auto-Magic Fine-Tuning Automatically Locks In FM Stations for Drift-Free Listening
- 5-LED Signal Strength Meter for Easy Tuning

AMPLIFIER. Response: 20-20,000 Hz ± 1 dB. S/N: 81 dB phono, 85 dB aux. Phono Overload: 120 mV. FM TUNER. Sensitivity (IHF): 2.7 μ V (13.7dB). Capture Ratio: 2.0 dB. S/N: 78 dB. Selectivity: 60 dB. image Rejection: 50 dB. Stereo Harmonic Distortion: 0.3%. Separation (at 1 kHz): 34 dB. SIZE: $5^{11/16} \times 16^{7/16} \times 77/a^{\alpha}$.





Save \$8480

Reg. Separate Items 443.80

359⁰⁰

*Low As \$25 Per Month on Bencharge

- Realistic STA-450 Stereo Receiver
- m Two MC-800 2-Way Speaker Systems
- LAB-210 Belt-Drive Automatic Turntable With Magnetic Cartridge



Save \$ 140 75

Reg. Separate Items 679.75

539°00

*Low As \$25 Per Month on Bencharge

- Realistic STA-450 Stereo Receiver
- n Two MC-1201 2-Way Speaker Systems
- m LAB-320 Belt-Drive Automatic Turntable
- m SCT-35 Stereo Cassette Deck

DELUXE DIGITAL-SYNTHESIZED CASSETTE/RECEIVER



_60 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.015% TOTAL HARMONIC DISTORTION

699⁹⁵

*Low As \$25 Per Month on Bencharge

- Built-In Solenoid-Logic-Controlled Stereo Cassette Record/Play Deck
- Dolby* B/C Noise Reduction Fluorescent Digital Tape Timer/Counter
- Feather-Touch Frequency Tuning With Programmable 12-Station Memory
- 7-Segment Fluorescent Dual-Function Power Output/Peak Level Meters

Realistic® SCR-4500. Two high-tech components in one: a high-performance receiver and cassette deck in a single elegant enclosure, plus the advanced features you'd expect only with separate components. The ultra-precise, quartz-controlled tuning system couldn't be easier to use. Touch the search button to automatically scan up and down the FM and AM bands, and then store your favorites in memory for instant recall anytime. The fluorescent digital display shows the exact frequency tuned, and the strength of the incoming signal is displayed on the 5-segment fluorescent meter. You also get the convenience and versatility of a computer-controlled cassette deck. Its solenoid-operated full-logic controls respond at the lightest touch of your finger. Dolby C noise reduction extends the dynamic range and reduces tape hiss to an amazing one hundredth of its original level. Or, use Dolby B for improved sound from your existing tapes. Convenient dual-concentric record level controls. Bass, treble, midrange, A/B speaker pair, balance and 41-step volume controls. Pushbuttons for hi/lo filters, loudness, stereo/mono, FM mute and search. LED indicators for power-on, memory, pause, record and FM stereo. W' headphone and mike jacks. 31-2001.

AMPLIFIER. Response: 20-20,000 Hz \pm 1 dB. S/N: 84 dB phono, 100 dB aux. Phono Overload: 160 mV. FM TUNER. Sensitivity (IHF): 1.7 μ V (9.8 dB). Capture Ratio: 1.5 dB. S/N: 70 dB. Selectivity: 70 dB. Image Rejection: 70 dB. Stereo Harmonic Distortion: 0.2%. Separation (at 1 kHz): 50 dB. CASSETTE. Response \pm 3 dB: 20-17,000 Hz (metal), 20-16,000 Hz (CrO₂), 20-14,000 Hz (normal). Wow and Flutter: Less than 0.06% WRMS. S/N: 68 dB (Dolby C "on", CCIR weighted). EXTERNAL CONNECTIONS: AM and 75 or 300-ohm FM antenna, magnetic phono, aux. A and B speaker pairs, 1/4" stereo headphone, ground, AC convenience outlet. SIZE: 41/2x 173/4 × 13".

*TM Dolby Laboratories Licensing Corp.



Save \$26080

*Low As \$31 Per Month on Bencharge SYSTEM 1029⁰⁰ Reg. Separate Items 1289.80

- m Realistic SCR-4500 AM/FM Cassette/Receiver
- Two-Optimus®-800C 3-Way Speaker Systems
- LAB-430 Direct-Drive Automatic Turntable



Save \$31080

*Low As \$34 Per Month on Bencharge SYSTEM 1199⁰⁰ Reg. Separate Items 1509.80

- m Realistic SCR-4500 AM/FM Cassette/Receiver
- m Two Optimus-400 3-Way Speaker Systems
- LAB-1600 Front-Loading Belt-Drive Turntable

Save \$34075

*Low As \$39 Per Month on Bencharge

Recordings not included

1349⁰⁰
Reg. Separate

Items 1689.75

- m Realistic SCR-4500 AM/FM Cassette/Receiver
- Two Optimus T-120 3-Way Tower Speakers
- LAB-2100 Programmable Turntable Audio Rack

Prices in Effect At All Radio Shack Stores and are the Maximum at Authorized Sales Centres (DEALERS)

VERSATILE STEREO CASSETTE/RECEIVERS



Bencharge Revolving Credit* See Page 3

Digital-Synthesized With Dolby B/C Noise Reduction

499⁹⁵

*Low As \$25 Per Month on Bencharge

- Fluorescent Digital Frequency Tuning Display
- Memory Stores Up to 6 FM and 6 AM Stations

AMPLIFIER. Response: 20-20,000 Hz \pm 1 dB. S/N: 81 dB phono, 90 dB aux. Phono Overload: 130 mV. FM TUNER. Sensitivity (IHF): 1.9 μ V (10.8 dB). Capture Ratio: 1.5 dB. S/N: 72 dB. Selectivity: 73 dB. Image Rejection: 70 dB. Stereo Harmonic Distortion: 0.15%. Separation (at 1 kHz): 48 dB. CASSETTE. Response: \pm 3 dB: 30-16,000 Hz (metal), 30-16,000 Hz (CrO₂), 30-15,000 Hz (normal). Wow and Flutter: Less than 0.09% WRMS. S/N: Dolby B "on", 59 dB; Dolby C "on," 68 dB (CCIR weighted). SIZE: $4^5/_{10} \times 17^3/_{6} \times 10^5/_{6}$ ".

22 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.1% TOTAL HARMONIC DISTORTION



Save \$170⁸⁰

Low As \$25 Per Month on Bencharge

Reg. Separate Items 849.80

SYSTEM

- Realistic SCR-3010 Cassette/Receiver
- Two Minimus*-35 2-Way Speaker Systems
 LAB-320 Belt-Drive Automatic Turntable

Save \$22080 *Low As \$25 Per Month on Bencharge 869⁰⁰

Reg. Separate Items 1089.80

- m Realistic SCR-3010 Cassette/Receiver
- Two Optimus-45 3-Way Speaker Systems
- LAB-430 Direct-Drive Automatic Turntable

Our Lowest Priced AM/FM Stereo Cassette/Receiver

*Low As \$25 Per Month on Bencharge 299⁹⁵

- Dolby B NR Cuts Hiss, Extends Dynamic Range
- Dual 5-Segment LED Audio Level Output Meters
- Metal/CrO₂/Normal Tape Selector Auto-Stop

Realistic SCR-2500. A winning combination—two of the most-wanted components at a price that's actually less than you might pay for a receiver or cassette deck alone. Sensitive tuner has LED FM stereo and perfect-tuning indicators. Cassette deck, with soft-touch controls, lets you record from the tuner, phono, aux or "live" using the mike jacks. LED record and Dolby indicators, left/right record level controls and tape counter. Selectors for AM, FM, tape, phono and aux/TV. Loudness control for improved bass response, even at low volume. Twin protection circuits safeguard against overheating and speaker overload. 1/a" headphone jack.

AMPLIFIER. Response: 20-20,000 Hz \pm 1 dB. S/N: 80 dB phono, 85 dB aux. Phono Overload: 110 mV. FM TUNER. Sensitivity (IHF): 2.0 μ V (11.2 dB). Capture Ratio: 1.5 dB. S/N: 70 dB. Selectivity: 55 dB. Image Rejection: 38 dB. Stereo Harmonic Distortion: 0.9%. Separation (at 1 kHz): 35 dB. CASSETTE. Response: \pm 3 dB: 60-12,000 Hz (metal), 60-10,000 Hz (CrO₂), 60-10,000 Hz (normal). Wow and Flutter: Less than 0.09% WRMS. S/N: 52 dB (Dolby "on" (CCIR weighted). SIZE: $45/a \times 17 \times 87/a$ "



7 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.5% TOTAL HARMONIC DISTORTION



Save \$10480

*Low As \$25 Per Month on Bencharge 439⁰⁰

Reg. Separate Items 543.80

- Realistic SCR-2500 Cassette/Receiver
- Two MC-800 2-Way Walnut Veneer Speakers
 LAB-210 Belt-Drive Automatic Turntable



Save \$12080

Low As \$25 Per Month on Bencharge 48900

Reg. Separate Items 609.80

- Realistic SCR-2500 Cassette/Receiver
- Two MC-1201 2-Way Walnut Veneer Speakers
- LAB-320 Belt-Drive Automatic Turntable

REALISTIC LINEAR-TRACKING TURNTABLES

Front-Loading Fully Automatic Belt-Drive With Zero Tracking Error



NEW '86

24995

*Low As \$25 Per Month on Bencharge

Available Nov. 15, 1985

- Linear-Tracking Tonearm Plays Records
 The Same Way They Were Cut for
 Studio-Quality Sound Reproduction
- Self-Powered Drawer Slides Out for Convenient Record Loading
- Fits in Spaces as Little as 6" High
- **Touch-Sensitive Control Panel**

Realistic LAB-1600. A revolutionary turntable design! The low-mass tonearm is actually guided by a microprocessor which keeps the stylus at the exact angle to the groove at all times. And with the unique front-loading design, you can put this turntable on a shelf in the middle of your audio rack—or anywhere! A light touch is all it takes to extend the platter drawer and load or change a disc. Another

Computer-Controlled Direct-Drive With Selectable Repeat Function



289°

*Low As \$25 Per Month on Bencharge

- Programmable to Repeat One Side of a Record Over and Over
- Soft-Touch Pushbuttons Control All Movement So You Never Need to Touch the Low-Mass Tonearm
- Front-Panel Strobe and Pitch Controls for Quick and Precise Speed Adjustment
- m Powerful, Brushless DC Servo Motor

Realistic LAB-2100. A built-in microprocessor monitors the straight-line tonearm to maintain proper stylus angle over the full surface of the record. The result is zero tracking error for superior sound with low distortion, and longer record life. Plug-in cartridge will track at less than 1.5 grams. Convenient front-panel controls

QUALITY TURNTABLES AND CHANGERS

Bencharge Revolving Credit*

Direct-Drive Automatic Turntable With Easy-Access Controls

Low as \$25 Per Month on Bencharge

- Neutral Speed Makes Cut-Cueing Easy
- Neon Strobe with Adjustable Pitch

Realistic LAB-430. Pro-quality features and sound at a great price! Controls are conveniently located for easy operation. With damped cueing to set tonearm gently on records, automatic arm return and shutoff, 331/3 or 45-RPM selector and anti-static mat. Rumble: - 70 dB. Wow and flutter: less than



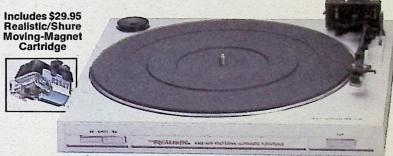
Belt-Drive Automatic With Switchable Stereo Preamplifier

Low as \$25 Per Month on Bencharge



- Enjoy Superb Sound With Any Stereo System— **Even Those Without Magnetic Phono Inputs**
- Precision-Tracking Straight-Line Tonearm

Realistic LAB-320. Switchable preamp matches the magnetic cartridge to systems having only ceramic phono or aux inputs. Belt-drive absorbs vibrations. Damped cue/pause, adjustable tracking and anti-skate. Straight-line tonearm. Rumble: -64 dB. Wow and flutter: less than 0.07%.



Belt Driven Automatic With Anti-Skate Device

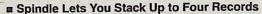


- Automatic Return and Shutoff
- Straight-Line Tubular, Static **Balance Tonearm**

Realistic LAB-210. European style turntable is packed with features for your listening pleasure. Belt-drive operation absorbs vibration and noise. Adjustable tracking, anti-skate device and cueing knob means less wear and tear on your records. Rumble: 64 dB. Wow and flutter: less than 0.08%, 42-9032 129.95



Value-Priced Belt-Drive Automatic Changer



■ Cue Lever for Manual Control of Tonearm

Realistic LAB-79. Ideal for starter systems, or second systems in bedroom or den. Quiet belt-drive, factory-balanced straight-line tonearm. Plays 7, 10 and 12-inch records. 55/8 × 15 × 131/8". 42-2985 119.95



OPTIMUS' SPEAKERS-EXPERIENCE THE REALITY



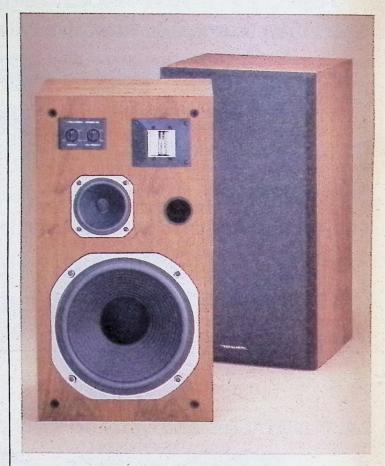
High-Efficiency 3-Way Tower System in Oiled Walnut Veneer

249⁹⁵

*Low As \$25 Per Month on Bencharge

- 10" Long-Throw Woofer Tuned-Port Enclosure
- 5" Dynamic Midrange 1" Liquid-Cooled Tweeter

Response: 50-20,000 Hz. RPH*: 80 watts. Sensitivity: 91 dB (SPL at 1 watt/1 metre). Impedance: 8 ohms. Size: 35½ x 12½ x 11½".



3-Way System With Leaf Super Tweeter and Tuned Port

279 95 Each

*Low As \$25 Per Month on Bencharge

- 12" Woofer for Deep, Solid Bass
- 5" High-Compliance Midrange
- **■** Genuine Oiled Walnut Veneer
- **■** Removable Cloth Grille

Response: 40-40,000 Hz. RPH*: 100 watts. Sensitivity: 90 dB (SPL at 1 watt/1 metre). Impedance: 8 ohms. Size: 26¾ x 14¾ s x11¾ s.

*Recommended Power Handling. The figures stated with Realistic speakers indicate the speaker may be used with equipment delivering up to the stated (rms) continuous power per channel, driven to clipping 10% of the time, on normal source material.

SOLID PERFORMANCE 3-WAY SYSTEMS



Bencharge Revolving Credit* See Page 3



■ 12" Polypropylene Woofer

- Ferrofluld-cooled
 4½" Mid-Range
 and 4" Tweeter
- Built-in Circuit

 Breaker Protection

Realistic Optimus-800C. Bass-reflex system with superior response and efficiency. Automatic protection circuit breaker prevents overdriving that could damage speakers. Removable cloth grille. 40-8800 199.95

Response: 35-20,000 Hz. RPH*: 80 watts. Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 257₆ x 147₂ x 107₂".



Our Best! Digital-Ready 3-Way Liquid-Cooled Speaker System

369⁹⁵

*Low As \$25 Per Month on Bencharge

■ High-Compliance 15" Woofer ■ 5" Dynamic Midrange
 ■ 4" Dual Radial Super Horn Tweeter ■ Removable Grille

Response: 25-40,000 Hz. RPH*: 160 watts. Sensitivity: 94 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 279/16 x 179/4 x 119/16".

3-Way Bass-Reflex System



19995 Each

*Low As \$25 Per Month on Bencharge

- # 10" Long-Throw Woofer
- # 4" Dynamic Midrange
- # 21/2" Cone Tweeter
- **■** Genuine Walnut Veneer

Realistic Optimus-45. Highcompliance woofer and tuned port combine for solid bass response. Edgeless cone tweeter is liquid cooled to handle more power without distortion or burnout. High-frequency and midrange controls. Removable cloth grille. 40-4033 199.95

Response: 50-20,000 Hz. RPH*: 70 watts. Sensitivity: 91 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 23 V₂ x 13 V₆ x 10 V₁₀".

THESE SPEAKERS SOUND GOOD ON ANY BUDGET



Value-Priced 3-Way System With Tuned-Port Enclosure

NEW'86

Low As \$25 Per Month on Bencharge

■ 10" Polypropylene Woofer

■ 41/2" Midrange

■ 4" Tweeter

Realistic Optimus@-600C. Enjoy good looks and exceptional sound usually found only in much higher priced systems. Efficient bass-reflex design and highcompliance polypropylene woofer combine for excel-lent low-end response. Extended-range cone tweeter delivers crystal-clear highs. Midrange driver for exceptionally smooth mid-frequency response. Auto circuit breaker prevents speaker blowout. Removable cloth grille. Recessed color-coded spring terminals for easy hookup with correct polarity. 40-8600 159.95

Response: 35-20,000 Hz. Recommended Power Handling: 60 watts. Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: $23\% \times 13\% \times 8\%$ ".

5-Year **Limited Warranty**

Realistic MC series, Nova, Minimus, Optimus and Mach Two speaker systems are warranted against defects for five years from the date of purchase. Within this period Radio Shack will repair the equipment without charge for parts and labour. Simply bring your sales slip as proof of purchase date to your Radio Shack store. Warranty does not cover transportation costs nor does it cover equipment subjected to misuse or accidental damage.

2-Way Bass-Reflex With 8" **Long-Throw Woofer**

- **Tuned-Port Enclosure**
- 21/2" Dynamic Tweeter
- **■** Genuine Walnut Veneer

Realistic Nova®-15. Smart looks and efficient design make this a great buy. Foam-surround woofer pumps out solid bass. Extended-range tweeter for clean highs. Re-sponse: 60-20,000 Hz. Power handling capacity: 60 watts. Removable cloth grille. Spring terminals. 19 x 103/4 x 71/2".



2-Way Acoustic-Suspension Speaker System

- 8" Long-Throw Woofer
- 21/2" Wide-Dispersion **Cone Tweeter**

Realistic® MC-1201. The perfect extension speaker. Woofer has 25square-inch radiating area for clean, solid bass. Response: 85-17,000 Hz. Power handling capacity: 50 watts. Removable cloth grille. Recessed phono jack and screw terminals. 173/4 x 105/8 x 71/2".

Bookshelf-Sized 2-Way Walnut Veneer System



- Efficient 61/2" Woofer
- 21/2" Cone Tweeter
- **Oiled-Walnut Finish**

Realistic MC-800. Small enough for placement on most shelves, yet delivers a remarkably smooth, wide on speaker terminals. 131/2 x

frequency response of 100-20,000 Hz. Power handling capacity: 40 watts. Removable cloth grille. Push-87/8 x 55/16". 40-1975......56.95

Space-Efficient System in Oiled Walnut

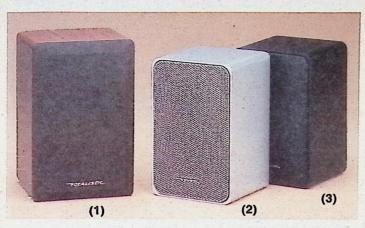


- **5" Long-Throw Woofer**
- 21/2" Wide-Dispersion **Dynamic Tweeter**

Realistic Minimus®-25. Small in size, yet this sealed-enclosure speaker system provides surprisingly good bass response and clean highs. Response: 90-20,000 Hz. Power handling capacity: 40 watts. Removable cloth grille. Recessed spring terminals, 11x 611/16 x 45/16". 40-22346.95

Nominal Impedance of All Realistic Speaker Systems is 8 Ohms

AMAZING SOUND FROM OUR MINIMUS® SPEAKERS

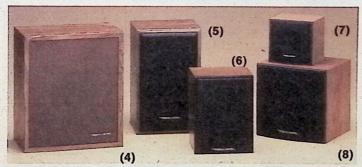


Mini Speaker in Wood or Metal Enclosure

69⁹⁵

- Long-Excursion 4" Woofer 1" Tweeter
- Choice of Real Wood or Silver-Colored or Black Die-Cast Metal Enclosure

Affordable Minimus Extension Speakers



A Shape and Size for Every Place

(4) (5) (6) (7) (8) 19 95 29 95 24 95 18 95 29 95 Each 24 Each 25 Each 26 Each

2-Way System With 51/4" Honey-Comb Woofer

NEW '86

9995 Each

- 2" Liquid-Cooled Tweeter
- Genuine Oiled Walnut



Big-Sounding Mini-Speaker for Home or Car

■ 3" Full-Range Speaker

Just 53/4" High

29⁹⁵ Each

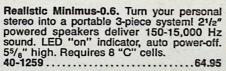
Realistic Minimus-3.5. Puts big sound in the smallest places! Has high-density molded enclosure for extended bass response. 15 watts. Steel grille. Spring terminals. 5³/₄ × 3⁵/₈ × 3¹/₈ ², 40-1996 29.95 Mounting Brackets. 40-1997 ... Pair 14.95



Amplified Mini-Speakers for Personal Stereos

64⁹⁵

Carry Case, Strap, Cables Included





Add-on Super-Tweeter

2995 Each

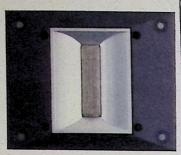
Add to almost any speaker system

Dynamic tweeter extends response to 40,000 Hz. Mounts in or outside of enclosure. Power capacity: 50 watts. 37/8" dia. 40-1310 29.95



REPLACEMENT TWEETER & MIDRANGE SPEAKERS

Leaf Super-Tweeter



Ultra-Wide 5-50 kHz Response

Advanced design delivers detailed highs to an incredible 50,000 Hzl Wide dispersion for brilliant sound throughout the listening area. Power handling capacity: 30 watts. SPL: 91 dB (1W/1M). 9.5-oz magnet. 8 ohms. 40-1375 ...

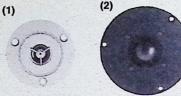
Dual Radial Super Horn Tweeter



Specially Designed for Wide **Dispersion of Highs**

High-tech design for an extended response of 4-50 kHz. Power handling capacity: 70 watts. SPL: 90 dB (1W/ 1M), 2-oz. magnet, 8 ohms, 40-1377

Low-Cost Wide-Dispersion Dome Tweeters



Polycarbonate **Hard Dome**

These lightweight tweeters

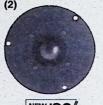
react quickly to input for ex-

cellent transient response

and detailed stereo imag-

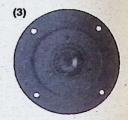
ing without narrow "beam-

ing" effect. 8 ohms.



NEW '86

Poly-Tron Dome



Mylar Dome

Fig.	Size	Cap. in W	Eff. Range (kHz)	SPL 1W/1M (dB)	Mag. Wt. (Oz.)	Cat. No.	Each
1	3/4"	40	3-30	91	0.6	40-1376	12.95
2	1"	30	3-20	91	8.0	40-1370	16.95
3	1"	40	6-20	87	5.4	40-1276	15.95

Midrange Speakers

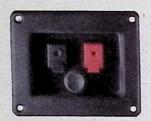




3" Dynamic Midrange/Tweeter. Add to any woofer for a great-sounding 2-way system. 30 watts. Response: 700-20,000 Hz. SPL: 89 dB (1W/1M). 3-oz. magnet. 8 ohms. 40-1289 16.95

Wide-Dispersion Soft-Dome Midrange. 70 watts. Response: 1.5-10 kHz. SPL: 86 dB (1W/1M). 10.8-oz. magnet. 8 ohms. 40-1281 24.95

Terminal Plate



Ideal for Hi-Fi, 119 PA and Musical **Instrument Speakers**

Recessed design lets you mount enclosure close to wall. Springaction terminals for easy wire hookup, plus a centred RCA-type phonojack with removable plug to maintain acoustic seal. 274-6253.19

(4)

(5)

Piezo Tweeters for **High-Output Use** Low As

Easy Parallel Hookup-No Crossover Needed

Improve your speaker system with clean, crisp highs and superb fidelity. These tweeters use a ceramic driver element in place of a voice coil and magnet for lower mass and higher efficiency. You get clearer highs without "ringing". 8 ohms.

Fig.	Туре	Cap. in W	Eff. Range (kHz)	SPL 1W/1M (dB)	Cat. No.	Each
4	2×6" Hom	75	2-25	94	40-1379	24.95
6	3.5" Super Horn 3.75"	75	5-25	95	40-1381	19.95
7	w/Dome 2" for	75	4-20	91	40-1382	13.95
1	Home/Car	75	5-25	93	40-1383	6.95

Dynamic Tweeters For Extended Highs





(9)

Wide, controlled dispersion. Ideal where high sound levels are desired, 8 ohms.

-	Fig.	Туре	Cap. in W	F ₀ (Hz)	Range Eff. (kHz)	SPL 1W/ 1M	Mag. Wt. (Oz.)	Cat. No.	Each
Γ	8	21/4"							3460
	9	Radial 2 × 6"	50 30	2500 1500	6-16 5-17	98 96	2.75 2.75	40-1278 40-1228	9,95 19,95

Dynamic Cone Drivers



(10)

13/4" Tweeter

Liquid-Cooled 4" Midrange

These drivers extend high and midfrequency response. Power handling capacity: 50 watts. 8 ohms.

		Eff. Range (kHz)	1W/ 1M	/Wt. (Oz.)	No.	Each
10	1700	5-20	91	2 2.8	40-1270	7.95
11	550	1.5-11	92		40-1282	12.95

Universal Three-Way Crossover



Solid State

(6)

Four combinations: 800/5000 Hz, 800/7000 Hz, 1600/5000 Hz, 1600/7000 Hz. 6 dB/octave. 100 watts. 40-1299 19.95

Universal Two-Way Crossover

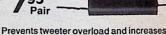


Choice of three crossover points: 2000 Hz, 2500 Hz or 4000 Hz. 6 dB/octave. 100 watts. 40-1296 10.95

Tweeter Protectors

Stop **Burnouts**

795 Pair



power rating. For 2 or 3-way systems. Easy hookup. 40-301 Pair 7.95

Build Enclosures



Everything You Need to Know

Speaker theory, sealed and ported enclosures, PA, testing and more. 62-2309 7.99

SPEAKERS FOR UPGRADING AND CUSTOMIZING

Long-Throw 4" Woofer



For Home

Great Sound for Small Places

Long-throw design allows maximum cone movement for solid bass response from this compact speaker. Color-coded terminals. 8 ohms. 40-1022 13.95

Cap in W	Eff. Range (Hz)	F _o (Hz)	Q _{TS}	V _{AS} (ft.3)	SPL 1W/1M (dB)	Mag. Wt. (oz.)
10	55-5000	55	.35	.23	84	8

61/2" Polypropylene Woofer



For Clean Bass Transients

Long-throw woofer ideal for bookshelfsize systems. Cone material provides smooth sound without "breakup" and resists extremes of moisture and dryness. 8 ohms. 40-1011 22.95

Power Cap. (watts)	Eff. Range (Hz)	F ₀ (Hz)	Qrs	Vas (ft. ³)	SPL 1W/1M (dB)	Magnet Wt. (oz.)
50	50-6000	50	.60	2.6	89	10

8" Foam-Surround Woofers



Low As **O**95 Each

Long-Throw Design

NEW! Polypropylene cone. Extended bass response. 8 ohms. 40-1021......28.95

Cap. in W	Eff. Range (Hz)	F. (Hz)	Ors	V _{AS} (ft. ³)	SPL 1W/1M (dB)	Mag. Wt. Oz.
50	43-3000 30-3000	43	.46	2.15	82 89	16

10" Polypropylene Woofer



Extremely Long Cone Excursion

Highly efficient foam-surround woofer is made of polypropylene for smooth response, lower distortion and improved linearity. Voice coil wound on an alumi-

Cap. in W	Eff. Range (Hz)	Fo (Hz)	Q _{TS}	V _{AS} (ft. ³)	SPL 1W/1M (dB)	Mag. Wt. Oz.
75	30-3000	27	.38	4.7	91	16

12" Polypropylene Woofer for Superb Bass Response

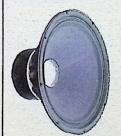


Moves Large Volumes of Air for Bass You Can Feel!

Light, rigid cone delivers exceptionally smooth low-

Power Cap. (watts)	Eff: Range (Hz)	F _o (Hz)	O _{TS}	V _{AS} (ft. ³)	SPL 1W/1M (dB)	Magnet Wt. In Oz.
100	20-2000	25	.30	10.0	91	20

15" Musical Instrument Speaker for High-Power Use



Heat-Proofed to **Resist Fracture** And Burnout

The favorite choice of demanding musicians. Designed for heavy-duty use. 8 ohms. 40-1318 64.95

Power Cap.	F _o (Hz)	Response	Magnet	SPL
In Watts		(Hz)	(oz.)	(dB)
100	62	62-3000	34.25	91.5

Full-Range 8" Speakers





Perfect for quality sound reinforcement or background music systems. Use for clubs, auditoriums, schools, offices, rec rooms, and other applications. 8 ohms.

Fig.	Cap. in Watts	Eff. Range (Hz)	F _o (Hz)	SPL 1W/1M (dB)	Mag. Wt. Oz.	Cat. No.	Each
1 1 2	10	75-25K	75	88	2.8	40-1271	10.95
	10	90-20K	90	87	5.3	40-1272	12.95
	30	57-16K	57	93	9.4	40-1286	19.95

Wide-Range Speakers





Low As

Ideal for all kinds of new or replacement use, 8 ohms

Fig.	Size	Power Cap. (watts)	Eff. Range (Hz)	Magnet Wt. In Oz.	Cat. No.	Each
3334	3" 21/4" 2" 6" w/Whizzer	2.0 0.5 0.5 20	55-12K	0.4 0.4 0.4 9.8	40-248 40-246 40-245 40-1285	3.95 3.39 3.39

L-Pad Speaker Volume Control

Handles Up To 75 Watts Peak

Lets you control tweeter or midrange output so you can match them with woofer output. Or control volume of 8-ohm speaker. 40-977 9.95



Acoustic Insulation

For Custom Builders

Easy-to-install fiberglass insu-lation damps speaker enclosures. One sq. yard. 42-1082

Solid Steel Ceiling Grille



White Enamel Finish

For mounting 8" speakers in ceiling. With hardware. (Use with 40-1271/1272/ 1286), 40-1223 8.95

Speaker Fuse Holder

Low-Cost Protection

Custom builders-don't take any chances! Protect your speaker from overloads. Includes instructions for determining the fuse value for any given speaker, 270-1210 1.49



INSTALL YOUR SPEAKERS LIKE A PROFESSIONAL



Speaker Stands **Improve Your** Stereo Sound

Speaker stands lift speakers from the floor to reduce "boominess" and angle them slightly for improved sound projection. They really make a differencel

(1) Mar-resistant vinyl stands. Good-looking as well as functional. 40-8255 Pair 15.95

(2) Deluxe stands. Handsome finish really complements fine speakers. 40-8256. . Pair 26.95



Speaker Switch Box



Handles Up to Six Speakers

Control three pairs of speakers from one central location. Select simultaneous or individual use of three pairs of stereo speakers. Rated at 10 watts rms. Simulated walnut finish matches many stereo components. 21/8 x 6 x

Stereo Volume Controls



1495 75 Watt Peak

995

25 Watt



Control the volume of two 8-ohm speakers from any convenient location. Easy to install in standard electrical wall-box or cut-out.

75-Watt. 40-978..... 14.95 25-Watt. 40-979..... 9.95

Mono Volume Controls



995 75 Watt Peak Peak

Control the volume of one 8-ohm monophonic speaker. Easy to mount in wall or speaker enclosure, even in a different room from your audio system.

75-Watt. 40-977......9.95

Speaker Selector Switch



995

Handles Four Speakers

Controls two pairs of stereo speakers. Select pair one, pair two or both. Non-shorting switch is enclosed in metal case with pre-drilled tabs. With mounting hardware. 40-130 9.95



Foam Speaker Grille

Each

Acoustically Transparent

Just trim for a custom fit. With hook and loop fasteners. 17 x 231/2 x 3/4". Brown. 40-1946 11.95

Speaker Grille Cloth







Color-fast. Resistant to sagging, shrinking and fading. Acoustically transparent.

Fig.	Description	Size	Cat. No.	Each
4	Deluxe Brown Deluxe Black Basket Weave	36×34" 36×34" 36×32"	40-1935	10.95

Speaker Wall Jacks



395 195



Fit in Standard Wall-Box

Hook up stereo speakers anywhere. With two phono plugs, mtg. hardware. 40-981 3.95 Two spring-loaded, color coded terminals. With mounting hardware. 40-975 4.95

Metal Wall Brackets

395 Pair

Each Supports Up to 50 Lbs.

Easy way to wall-mount speakers and keep brackets hidden from view. With screws for hardwood mounting of two speakers. 40-150 Pair 3.95

Pin-Connector Speaker Cables





Top-quality, 24-foot 18-gauge copper cable with tinned pins at each end for easy hookup to spring terminal connectors. Color-coded finger grips. 42-2455 6.99 24

Phono Plug Cables

Low As 349

RCA-Type Plugs At Each End

Feet	Color	Gauge	Cat. No.	Each
50 24 12	Brown Brown Brown	18 18 18	42-2480 42-2478 42-2479	12.95 6.99 5.59
24 24 12 12	Gray White Gray White	24 24 24 24 24	42-2392 42-2430 42-2445 42-2431	4.19 4.19 3.49 3.49

Plug-to-Lug Cables

Low As 349 RCA-Type Phono Plug Feet Gauge | Cat. No. | Each 42-2452 6.99 42-2450 4.29 42-2449 3.49

Mini Plug-to-Lug Cable



99 1/s" Mini Phone Plug 12-ft. 24-gauge cable. 42-2454

Lug-to-Lug Cables For Speakers



Color-Coded For Easy Hookup

Low As

Feet	Gauge	Cat. No.	Each
24	18	42-2451	6.29
24	24	42-2446	3.59
12	24	42-2447	2.89

Apply Today for Your Radio Shack/Bencharge Card and Increase Your Buying Power

RADIO SHACK IS YOUR BEST CABLE CONNECTION

Gold-Plated Patch Cords



Maximum fidelity, minimum loss. 39" stereo cable with four low-capacitance, plated plugs. 42-2601 14.95

Patch Cables Low As 699

Color coded phono plugs. 39". 42-2354 6.99 79". 42-2355 8.99

Audio Cable Set

199 Set of Four

Shielded to prevent h	um,
signal loss. 36" lo	
42-2309 Set 4	

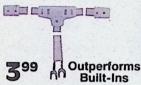
Stereo Low Patch Cords As /199 Length Cat. No. Each

42-2351

Patch Extension

Lengthens patch cables for wider "reach". Two phono plugs to two phono jacks. 36" long. 42-2353 . . 3.99

FM Dipole Antenna



Spade lugs hookup to receiver's antenna terminals, 300ohms. 42-2385 3.99

Stereo Y-Adapter



Lets you record from headphone jack. 1/4" stereo plug and two phono plugs. Sixfoot cable. 42-2474 . . . 6.99

DIN Patch Cords



6-Ft. DIN Male to DIN Male. 42-2151 5.99 6-Ft. DIN Female to 4 Phono Jacks. 42-2394...5.99

Stereo Y-Adapter



Connect portables to a home hi-fi. 1/8" plug to two phono plugs. 39", 42-2475 79", 42-2481 5.99

Dubbing Cords



(1) Earphone jack to mike jack. 1/6" plugs. 42-2152..... 3.99
(2) Tape-out phono plug, 1/6" mike plug. 42-2461..... 3.99

Cables With 1/8" Mini Plugs

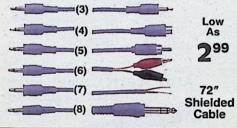


Fig.	Description	Cat. No.	Each
4	Mini Phone Plug to Mini Phone Plug	42-2420	3.99
	Mini Phone Plug to Mini Phone Jack	42-2472	3.99
	Mini Phone Plug to Phono Plug	42-2444	3.29
7	Mini Phone Plug to Alligator Clips	42-2421	3.99
	Mini Phone Plug to Stripped Ends	42-2434	2.99
	Mini Phone Plug to Stereo Phone Plug	42-2157	3.99

Cables With Phono Connectors

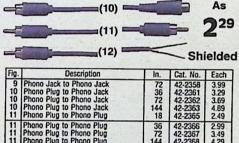


Fig.	Description	ln.	Cat. No.	Each
10 10 10	Phono Jack to Phono Jack Phono Piug to Phono Jack Phono Piug to Phono Jack Phono Piug to Phono Jack Phono Piug to Phono Piug	72 36 72 144 18	42-2358 42-2361 42-2362 42-2363 42-2365	3.99 3.29 3.69 4.89 2.49
11	Phono Plug to Phono Plug	36	42-2366	2.99
	Phono Plug to Phono Plug	72	42-2367	3.49
	Phono Plug to Phono Plug	144	42-2368	4.29
12	Phono Plug to Stripped, Tinned Wire	36	42-2370	2.29
	Phono Plug to Stripped, Tinned Wire	72	42-2371	2.79
	Phono Plug to Stripped, Tinned Wire	144	42-2372	3.59

Cables With 1/4" Phone Plug

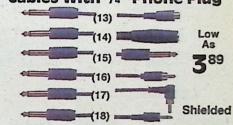
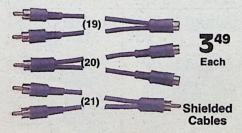


Fig.	Description	In.	Cat. No.	Each
14	Phone Plug to Phono Jack Phone Plug to Inline Jack Phone Plug to Phone Plug		42-2377 42-2378 42-2381	4.39 6.49 4.49
17	Phone Plug to Phono Plug Phone Plug to 90° Phono Plug Phone Plug to Mini Plug	72 72 72	42-2373 42-2440 42-2433	3.99 3.89 3.99

Phono Plug Y-Adapters



-- Assorted Y-Adapters Low

As

289

Mike Cable and Y-Adapter

25-Foot Shielded Mike Extension. 1/4" jack to

1/4" plug. 42-2379......7.99 Y-Adapter. 1/4" jack, two 1/4" plugs. 42-2156.....

Q99 Coiled Guitar Cords

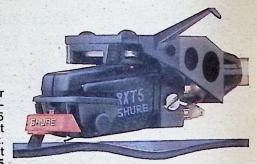
3 feet retracted. Extends to 15 feet. Straight 1/4" plug to 90° 1/4" plug. 42-2473 9.99 3 feet retracted. Extends to 12 feet. Two right angle (90°) 1/4" plugs. 42-978 6.99

REALISTIC/SHURE MOVING-MAGNET CARTRIDGES

Discover the Incredible Accuracy of RXT5, Our Best

■ Dynamic Stabilizer With Viscous Damping For Superb Sound Even on Warped Records

RXT5 is our finest cartridge in every way! Lets you get the best possible sound from your music system. It's been designed for superior performance in either pivotal or lineartracking tonearms. Telescoping stylus has unmatched trackability at an ultra-light 1.25 to 1.75 grams and its elliptical shape (5 x 18 microns) cuts distortion. Super-flat frequency response from 20-20,000 Hz. Stereo separation is at least 25 dB at 1 kHz. Conductive fibers neutralize static charges and a Side-Guard deflects stylus to prevent damage. With installation kit, screwdriver, stylus cleaning brush. 42-278579.95



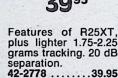
Hi-Value Hi-Fi



Elliptical diamond stylus (10 x 18 microns). 20-20,000 Hz. Tracks 2.5-3.5 grams. 42-277729.95

Realistic/Shure R47XT

Wide Dynamic Range



Ultra-Light Tracking



Elliptical diamond stylus. High definition. 20-20,000 Hz. Tracks at 1-1.5 grams. Realistic/Shure R1000XT 42-277964.95

Elliptical Styli for Realistic/Shure Cartridges



2495

Replaces R25 Shure M71 and M75SECS series. 42-2780 ... 24.95

R5X

Replaces R47 Shure M70 and M75 series. 42-2781...29.95 R6X

3995

Replaces R27 and the Shure M73/75E series. 42-2782...39.95 R8X

1/195

Replaces R1000 Shure M90, M75 T-2 series. 42-2783...44.95

Realistic/Shure Stylus

5995

Elliptical stylus replaces RXT4 and Shure M97ED. Dynamic stabilizer. 42-8162 59.95



Compact Disc-Cleaner



NEW '86

Helps Protect Your CD Investment

Designed to eliminate "skipping" caused by fingerprints and other contaminants. Includes a cleaning pad, fluid and brush. 42-116 19.95

Hydro-Stor Record Care System



Fluid storage and distribution medium creates a field of humidity that reduces static as it cleans. Solid wood handle. 42-102 16.95



Removes surface dust the professional way. One million static-cutting fibers thoroughly deep-clean your discs to prolong record and stylus life. With velvet cleaning handle.

42-112

Add a High Quality Turntable





Preamplifier lets you enjoy the superior quality of a turntable with a magnetic or moving magnet cartridge on receivers with only ceramic or aux. inputs. 2 x 33/5 x 44/5". 42-2101

Budget Hydro-Stor Cleaning System



995 **Protects Your Records**

Velvet-surfaced cleaner with solid wood handle protects and cleans all phonograph records. Easy to use. Fluid included. 42-101 9.95

Deluxe Ionizer



Includes pad, brush and cleaning fluid for cleaning stylus and records. 42-8303 6.99

Record Cleaner Bargain



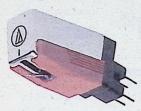
■ Easy-to-Use

Our lowest priced way to protect and prolong record and stylus life. 42-135 3.69

Apply Today for Your Radio Shack Bencharge Card and Increase Your Buying Power

EVERYTHING IN PHONO CARE AND ACCESSORIES

Plug-in Cartridge



RX1500

3495 Dual Magnet

Diamond Elliptical Stylus. Frequency response: 20-20,000 Hz. Tracks at 1-1.5 grams. Low distortion. 42-2775 34.95

Budget cartridge 2495



Diamond Conical Stylus. 42-8061 24.95

ATN-771E Stylus



Diamond Elliptical. For Audio-Technica AT-70, AT-71, AT-71E, 1.5-2.5 grams. 42-2774 . . 16.95

RT1500 Stylus



2495

Diamond Elliptical. Tracks 1-1.5 grams. 42-2776 24.95

RSK8C Stylus



16⁹⁵

■ Dlamond

Conical. For QLM30, ADC K series. 42-816116.95

ceramic Replacements



Have you checked your stylus lately? It could be worn and doing irreparable damage to your treasured record collection. Replace it now and pick up a spare too. Our stores stock these replacements, and most others can be ordered for delivery within three weeks.

Magnetic Replacements



Cat. No.	Replaces Stylus Nos.
42-8101	BSR TC8; Astatic N8-1, N8-7; Vaco ST20, ST40
42-8105	Astatic N50, N51, N60, N62, N63, N72
42-8139	Astatic N76
42-8111	BSR ST3, ST4; Astatic N160
42-8112	BSR ST8, ST9, ST10; Astatic N162
42-8125	BSR ST16, ST17; Astatic N164
42-8133	Garrard KS-40A; Astatic N343

Cat. No	Replaces Stylus No.	Price
42-8151	Shure N44-7, N44C	15.95
42-8152	Excel S70SR, S70FR; Sanyo ST-25D	15.95
42-8153	Shure N91ED, N91E	24.95
42-8154	Audio Technica AT10, AT11; Akai APN2; Hitachi DS-ST26; JVC DT31; Panasonic EPS30, EPS31; Sanyo ST25, MGT25; Sony ND129	19.95
42-8155	Audio Technica AT10E, AT11E; Toshiba N59	26.95
42-8156	Sanyo ST28D	15.95
42-8158	Shure N70-B, N72-B	15.95
42-8148	Audio Technica ATN3400, ATN3410; Akai PC85, RS85; Hitachi DS-ST35; Panasonic EPS75, EPS77; Sanyo ST41, ST35, ST42, ST55; Sony NG138G; Toshiba 60M, 70M	24.95



Universal Diamond Replacement Stylus

Astatic N1776 needle is a universal replacement for all Tetrad needles. N1776 has an adjustable feature that lets it conform to all the characteristics of the original Tetrad needle. Now it is no longer a problem to replace a Tetrad needle, because the N1776 replaces them all. 42-8138

Glass Fiber Head Shell



Head



Low Mass

Fits most Sshaped tone-arms. With hardware. 42-2752 . . 6.99

Replacement



399

Fluid

Anti-Static

Controlled Flow Tip

Cleans records, styli. Use with all fine cleaners. 42-105 3.99

LP Spray Cleaner



159

Sprays away record noise and cuts wear. 42-2500 4.59

Stylus Cleaner



199

Includes Lint-Lift Brush

Removes harmful particles from any stylus. 42-1074 1.99

Turntable Mat



100% carbon-fiber mat

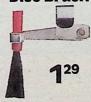
cuts "crackle and pop". 42-362 11.99

45-RPM Auto Spindle



Fits most standard Realistic and BSR changers. 42-3000 3.99

Clip-On Disc Brush



Fits onto tonearm and cleans records as they play, 42-1073 ...1.29

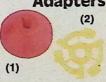
Record Sleeves



Pack of 10

Vinyl lined. Fit all 12" LPs. Protects your re-cords, 42-132 . . 4.89

45-RPM Adapters



(1) Manual. Fits over standard spindle. 42-120

(2) Inserts. Snap into discs for auto or manual play, 42-103 . . . 40/1.99

Soft Velvet Record cleaner

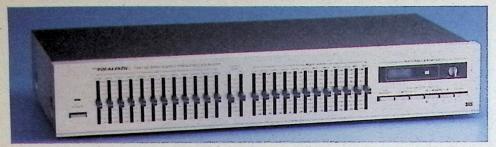
469



Soft velvet pad gently cleans records, fights static, 42-8302 4.69

Over 850 Stores and Dealers Across Canada - We're Near You

UPGRADE WITH REALISTIC® STEREO EQUALIZERS



This equalizer lets you tailor the sound of your system, and also record like a "pro"! The 24 narrow-band controls boost/cut response up to 12 dB at exact frequencies. Built-in tape control center allows for 2-deck dubbing, monitoring and recording of equalized sound. Bypass button provides instant comparison between original and equalized sound. Right/left-channel output level controls, expander volume control, lighted graphic display. AC operation. 31-2010.... 189.95

12-Band Equalizer With IMX™ Stereo Expander

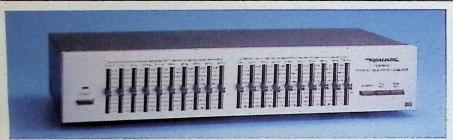
189⁹⁵

Available Oct. 30, 1985

*Low As \$25 Per Month on Bencharge Expander Creates a Dramatic "Live" Sound Quality and Reduces Distortion at High Volume Levels

SPECIFICATIONS. Band Centers: 36, 63, 110, 190, 330, 580, 1000, 1700, 3000, 5200, 9000, 16,000 Hz. Response (flat setting): 5-50,000 Hz + 0.5 dB, -1.0 dB. Range: ±12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: 25/6 × 183/6 × 71/6".

Trademark of SCI Acoustics, Inc.



Enjoy more tonal control of your sound system. The 20 narrow-band controls let you adjust response up to 12 dB at precise frequencies—making even smaller systems sound exceptional. Features EQ button for recording equalized sound, tape monitor and bypass control for instant comparison of original and equalized sound. Power-on LED. AC operation.

31-2008

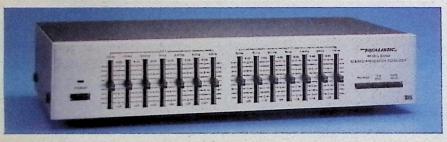
10-Band Equalizer for Improved Stereo Sound

NEW '86

11995

- Left and Right-Channel Linear-Sliding Boost/Cut Tone Controls
- **EQ and Bypass Buttons**

SPECIFICATIONS. Band Centers: 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000, 16,000 Hz. Response (flat setting): 5-50,000 Hz + 0.5 dB, -1 dB. Range: ±12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: 21/2×133/4×57/6".



7-Band Equalizer With EQ and Bypass Controls

7995

- EQ Pushbutton Lets You Record Equalized Sound
- Bypass Button Instantly Compares Original and Equalized Sounds

SPECIFICATIONS. Band Centers: 50, 150, 400, 1000, 2400, 6000, 15,000 Hz. Response (flat setting): 5-50,000 Hz +0.5 dB -1 dB. Range: ±12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: 21/2×13×515/16".

Electronic Stereo Reverb System



7995

Add "Live" Quality And Dimension to Your Stereo System

Dual-Range Audio Power Meter



3995

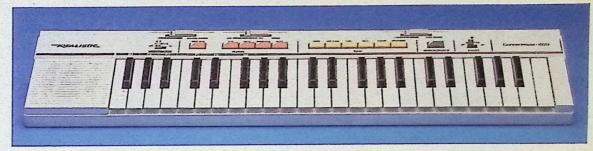
2-Watt and 200-Watt Ranges

MELODY MAKERS—COMPOSE ON-THE-GO Bencharge Revolving Credit's See Page 3

Large, Easy-to-Play Piano-Style Keyboard and Six Preset Voices

*Low As \$25 Per Month on Bencharge

You Can Create Your Own **Great-Sounding Music** Without Years of Practice



- Auto-Accompaniment Keys Play Chords and Bass in Time With Four Selectable Rhythms
- Slide Controls for Accompaniment Volume, Tempo Speed and Main Volume

SPECIFICATIONS. Keyboard: 44 keys, 31/2 octaves. Preset sounds: Piano, Organ, Oboe, Clarinet, Vibraphone. Rhythms: Rock, Swing, Bossa Nova and Waltz. Chord: 8-note polyphonic. Size: 2 x 253/8 x 51/2".

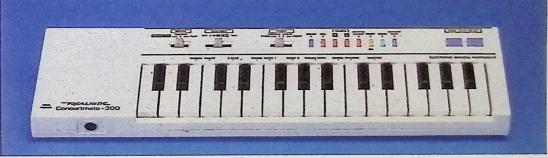
Realistic Concertmate®-400. Great family fun! Simulate the sound of a piano, electric piano, organ, oboe, clarinet or vibraphone. Add automatic chord, bass and rhythm accompaniment. Features a wide 44-key, 31/2-octave range and plays through built-in speaker, stereo system, PA amp or headphones. Auto power-off saves batteries. 1/8" headphone jack. Requires 5 "AA" cells or AC or

Portable Melody Maker With Programmable 100-Note Memory

NEW '86

- Memory Plays Back Your Melody Automatically or With One-Key Selection
- 4 Preset Tones and Ten **Rhythm Accompaniments**
- Piano-Style Keyboard

SPECIFICATIONS. Keyboard: 29 keys. Preset Sounds: Plano, Flute, Fantasy, Violin. Rhythms: March, Waltz, 4-Beat, Swing, Rock-1, Rock-2, Bossa Nova, Samba, Rhumba, Beguine. Pitch Shift: ± 1/2 tone. Size: 17/16 × 135/6 × 313/16".



Realistic Concertmate-300. Enjoy your own unique compositions. You can create a melody, then change its tempo, add rhythm and choose its own musical accompaniment. Then change it again.

Dazzling High-Intensity Variable Strobe Light

- Brilliant Xenon Strobe Lamp Gives Off Rapid Bursts of **High-Intensity Light**
- Variable Flash Rate

Ideal effect for bands, dance floors, photographers or for your next party. Features wide-angle strobe with adjustable flash rate to "freeze" almost any motion. Walnut vinyl. 79/16 x 77/16 x 43/4". AC operation. 63-800739.95



Radio Shack's new service centres now give you faster. more efficient repairs. In some major Canadian cities, we even offer you service while you wait at our carry-in service counters. See Page 93 for complete details.

BIG VALUES IN FULL-SIZE STEREO HEADPHONES



Professional Quality For At-Home Listening

Realistic PRO-60. Our best full-size headset! Variable-density cushions fit comfortably over your ears. "Acoustic resonance" design delivers solid bass response with open, transparent midrange and treble—all with extremely clean sound. Total harmonic distortion is actually less than 0.5%. 15-30,000 Hz frequency response. 10-foot coiled cord, 1/4" plug. 33-999

Realistic LV-10. Unique electro-acoustical configuration and 2" dynamic elements deliver all the power
and punch of a live performance with amazingly
clean sound. Soft, foam earcushions let you enjoy
hours of comfortable listening. 20-20,000 Hz frequency response. 10-foot lightweight coiled cord, 1/4"
plug. 33-1004 66.95



Full-Size Headphones At Low Prices

Adapter Plugs for Headphones



1/4" Extension Cables

20-Ft. Non-Coiled. Dual Jack. 42-2439, 10.99

20-Ft. 1/8" to 1/4" Cable



1/4" Headphone Y-Adapter



1/8" Headphone Y-Adapter

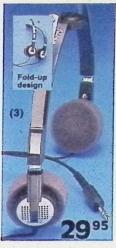


Use two headsets with one portable. 1/s" plug and jacks. 42-2463 5.69

THE BEST IN LIGHTWEIGHT STEREO HEADPHONES









Full-Range Stereo Sound For Personal Portables

(1) Realistic PRO-800. Our finest micro head-phones, with a 20-17,000 Hz response. And they weigh just 31/2 ounces. They fold up so you can carry

(2) Realistic Nova@-45. Lightweight, with efficient

(4) Realistic Nova-35. Foam earpads and adjustable headband for comfort. 5-foot cord, 1/8" plug.

Our Lowest Priced



Nova-34. Foam earpads and adjustable headband. With 4-foot cord, 1/s" plug. 33-1000 6.95 Replacement Earpads, 33-375 .. 1.69

Fold-Up Headphones



Avail. Oct., 1985 Nova-36. Foam pads, flexible head-band. 2-oz. 40-20,000 Hz. 4-foot cord, 1/a" plug. 33-2002 9.95 Replacement Earpads, 33-375 ... 1.69

Value Priced Headset



Nova-33. Wide frequency response make these a smart choice for per-

Micro In-Ear Design





Slips Into Outer Ear

Just 0.6 Oz.



Headphones fit comfortably inside your ear-no headband. Foam cushions. 50-20,000 Hz. 4-foot cord, 1/8" plug. 33-977 16.95

Mono Earphone



Fits most portable TV sets and cassette recorders. For new or replace-ment use. 10-foot cord. Includes ear hanger clip, 1/e" plug. 33-177 . . 4.95

Nova-Fone® Earphone



Comfortable

An amazing performer! Completely covers your ear-you hear full-range sound. 1/s" plug fits many porta-bles. 33-1036 . . . 9.95

Pillow Speaker



Slips under pillow for private and latenight listening. Vol-ume control. 1/s" plug fits most clock radios and portables. 33-207 6,49

Replacement Earpads

Set of 4



Replace those worn-out earpads with these polyurethane foam covers. Fit most lightweight headsets. 2 blue, 2 black. 33-374 Set of 4/1.95

Mono Earphones



95 Each

Fits most TVs, radios, tape recorders. 1/s" Plug. 33-175 1.95

Mono Earphone Cord



20-foot twisted extension cord with 1/s" jack and plug. Use with any of the mono plugs on this page. 33-176 2.69 See Our Complete Selection of Headphone Plug Adapters on Page 122

Stereo Extension Cord



20-foot, lightweight, highly flexible cable with "Je" stereo mini plug and jack. 42-2462

Budget Pillow Speaker





Listen to TV or radio without bothering others. 1/s" plug. 33-206 3.95

REALISTIC® CASSETTE DECKS CAPTURE REALITY



Realistic SCT-60. Versatile and affordable! Besides high-speed dubbing, the dual decks let you automatically play two tapes in sequence for twice the listening time. Play-only Deck-1 delivers superb sound during playback. Record/play Deck-2 has the latest recording features for optimum frequency response. Dolby B extends dynamic range and Dolby C reduces background noise to an incredible one-hundreth of its original level! Smooth "soft-touch" function controls, full auto-stop, metal/Cro_Inormal selectors for both decks. Record mute, separate record level controls and LED power indicator. Three-

Hi-Speed Dubbing Deck With Dolby* B and CNR

Low As \$25 Per Month On Bencharge

NEW '86

- Make Studio-Quality Copies of Your Personal Cassettes in Half the Time
- Dolby B-C Extends Dynamic Range And Cuts Tape Hiss
- Automatic "Continuous-Play" Mode
- 2-Color 5-LED Peak Level Meters

Response ± 3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (CrO2/Hi-Bias), 40-12,000 Hz (normal). Wow and Flutter: 0.1% WRMS. S/N: 70 dB Dolby C; 60 dB (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.2% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 5×16¹/₂×8⁵/₈".
*TM Dolby Laboratories Licensing Corp.



Realistic SCT-72. All controls work with a light touch of your finger. High-speed dubbing lets you make copies of your personal tapes in half the normal time. Playback-only Deck-1 is designed for superior sound, while Deck-2 is a recorder/player with optimum recording features. Metal/CrO₂/normal bias selectors and auto-stop on both decks. Separate slide-action record level controls, LED power and record indicators. 3-digit tape counter helps find selections fast. 1/4" mike and stereo headphone jacks.

"Soft-Touch" Dubbing Deck With Dolby B NR

Low As \$25 Per Month On Bencharge

NEW 86

Avail. Sept. 30/85

- 2-Color 5-LED Peak Level Meters
- "Continuous Play" Mode Automatically Plays Two Tapes in Sequence
- Dolby B Cuts Tape Hiss

Response ± 5 dB: 60-14,000 Hz (metal), 60-12,500 Hz (CrO₂/Hi-Bias), 60-10,000 Hz (normal). Wow and Flutter: 0.12% WRMS. S/N: 60 dB (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.0% 3rd HD. Record/ Play Head: Permalloy. Erase Head: Ferrite. Size: 45/16 × 169/16 × 81/4".

Logic-Controlled Auto-Reverse Stereo Cassette Deck With Dolby B-C NR



Realistic SCT-80. Solenoid operation assures smooth, precise tape handling. Auto-reverse plays and records on both sides of cassettes. Mode selector lets you choose one side, both sides, or continuous repeatable playback of both sides. Automatic metal/CrO2/normal bias selector and auto-record mute.

Low As \$25 Per Month On Bencharge

- High-Speed Automatic Search Music System Finds Selections Quickly
- Dolby B-C Noise Reduction Cuts Tape Hiss and Extends Dynamic Range
- 2-Color 8-Segment Peak Recording **Level LED Meters**

Response ± 3 dB: 40-16,000 Hz (metal), 40-15,000 Hz (CrOz/Hi-Bias), 40-15,000 Hz (normal). Wow and Flutter 0.07% WRMS. S/N: 72 dB Dolby C; 65 dB (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.5%3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4×17×101/a".

LOW-COST STEREO RECORD/PLAY DECKS



Bencharge Revolving Credit* See Page 3

Value-Priced Cassette Deck With Dolby* B-C

NEW '86

19995

*Low As \$25 Per Month on Bencharge Avail. Oct. 30, 1985

- Automatic Search Music System
- 2-Color 5-LED Peak Level Meters



 Response ± 3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (CrO_/Hi-Bias), 40-12,000 Hz (normal). Wow and Flutter: 0.17% WRMS. S/N: 67 dB Dolby C (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.5% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 49/16 x 153/8 x 9½". "TM Dolby Laboratories Licensing Corp.

Our Lowest Priced Cassette Deck With Dolby B Noise Reduction

- Dolby Extends Dynamic Range
- L/R Record Level Controls
- Dual-Color Peak Level Meters

16995

*Low As \$25 Per Month on Bencharge

Response ± 3 dB: 40-14,000 Hz (metal), 40-14,000 Hz (CrO₂), 40-12,000 Hz (normal). Wow and Flutter: Less than 0.09% WRMS. S/N: 64 dB (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.3% 3rd HD. Record/Play Head: Hard permalloy. Erase Head: Ferrite. Size: 45/a×153/a×85/a*





Cassette Play Deck With Auto Reverse

139⁹⁵

*Low As \$25 Per Month On Bencharge

Realistic SCP-25. Compact deck plays both sides of tape automatically. Dolby B NR cuts hiss and extends dynamic range. Cue/review finds selections fast. Metal/CrO₂-normal selector. Tape direction and Dolby LEDs.



Compact Cassette Deck

9995

Fits Any Shelf Or Cabinet

Cassette Playback Deck



7995

Simulated walnut, 4¼ x 9½ x 5½". 14-635 139.95

End Of Tape Auto-Stop

Realistic SCP-30. A value-packed space-saver featuring soft-touch controls and metal/ CrO_2 -normal tape selector. Soft-eject door, pause control. Simulated walnut. $41/2 \times 8 \times 51/4^n$. 79.95

Stereo 8-Track Play Deck



69⁹⁵

Continuous Play # Program LEDs

Stereo Tape Control Center



3295

Ends Patchcord "Swapping"

Realistic Tape Decks Include Cables for Easy Hookup to Any System With Tape-In or Aux Jacks

STEREO PORTABLES WITH DETACHABLE SPEAKERS



AM/FM Stereo Dual-Cassette With High-Speed Dubbing

399⁹⁵

'Low as \$25 Per Month on Bencharge NEW '86

- Built-In Five-Band Stereo Frequency Equalizer
- Speakers Have 5" Woofers and Piezo Tweeters
- Dolby† B Cuts Tape Hiss, Adds Dynamic Range

†TM, Dolby Laboratories Licensing Corp.

Available Oct 30, 1985



AM/FM Stereo Cassette With Built-in Five-Band Equalizer

28995

*Low as \$25 Per Month on Bencharge NEW '86

- Speakers Have 5" Woofers and Piezo Tweeters
- Dolby B Cuts Tape Hiss, Boosts Dynamic Range

Realistic Modulaire-800. Sound quality you wouldn't expect in a portable! The speakers will separate up to 7 feet and the equalizer lets you fine-tune the response for excellent stereo, anywhere. Records Dolbyized tapes directly from its AM/FM stereo radio as you listen, or use optional mikes and line-level sources. End-of-tape auto-stop in play and record modes. Cue/review and 3-digit counter to help you find tape selections. 10-LED audio level/battery meter. Jacks: line in/out, mikes, headphone. 9½ x 227/₈ x 71/₈". AC (or 8 "D" cells or DC adapter, extra). 14-768.



AM/FM Stereo Cassette Recorder With Built-in Mikes

199⁹⁵

*Low as \$25 Per Month on Bencharge NEW '86

- Superb Stereo Sound at a Low Price
- End-of-Tape Auto Stop Tape Counter

Realistic Modulette®-600. The detachable speakers have 4" woofers for rich bass and 3/4" solid-state piezo tweeters. Lifting the handle unlocks the speakers so you can "spread-out" the sound. Records directly from AM/FM stereo radio as you listen. You can also record "live" stereo with the sensitive electret mikes or use optional external mikes. Auto-level gives you perfect-volume recordings everytime without adjustments. LED indicators for power "on", record mode and FM stereo. Jacks for headphone and mikes. 71/4 × 205/6 × 53/16". AC (or 6 "D" cells or DC adapter, extra). 14-790 ... 199.95

AM/FM STEREO CASSETTE PORTABLES



Bencharge Revolving Credit* See Page 3

With Dual Cassette Decks for Making High-Quality Copies

*Low as \$25 Per Month on Bencharge 24995

- Continuous Playback Feature Lets You Listen To Two Tapes in Sequence, Automatically
- Speakers Feature 5" Woofers, Piezo Tweeters

Realistic SCR-17. A top value! Playback-only deck-1 is designed for superior frequency response and record/play deck-2 is optimized for superior recording. You can copy your personal tapes, record directly from the AM/FM stereo radio, or make "live" stereo tapes with the sensitive built-in electret mikes. Also has 3-digit tape counter, automatic record-level setting, auto-stop at end of tape, LED level and mode indicators. Has jacks for adding headphone, external speakers and mikes. 8½ x 21½ x 415/16". AC (or 6 "D" cells or DC adapter, extra). 14-787.



Low-Profile Design With Dual Cassette Decks for Dubbing

NEW '86

*Low as \$25 Per Month on Bencharge 199⁹⁵

Available Sept. 30, 1985

- Great Sound in an Easy-to-Carry Size
- **Top-Mounted Controls for Easy Operation**

Realistic SCR-22. Take this streamlined portable anywhere to make copies of your personal tapes, record directly off-theair as you listen, or record "live" stereo with the sensitive built-in electret mikes. Playback-only deck-1 and record/play deck-2 both have pause controls for easy editing while you record. Also features a 3-digit tape counter on deck-2 to help you find selections and LED mode indicators. Jacks for adding external mikes and headphone. 63/a×193/a×4".

AC (or 6 "D" cells or DC adapter, extra). 14-795 199.95



Extra Power, Auto-Search System and Stereo-Wide™

*Low as \$25 Per Month on Bencharge 349⁹⁵

■ 10-Watt Amplifier ■ Soft-Touch Tape Controls ■ 61/2" Long-Throw Woofers and Piezo Tweeters

Realistic SCR-8. Deluxe features and big, BIG sound! Push a button and Auto-Search advances tape to the next selection or replays a selection automatically. Records chrome or normal cassettes off the air or captures "live" action with built-in electret mikes. Auto-stop, auto-level and pause control for easy operation. Stereo-Wide and loudness switches give music extra depth and "punch". LED audio level meter. Aux input. Jack for remote tape pause, plus jacks for adding external speakers and headphones. 10½ x 17½ x 5". AC (or 8 "D" cells or DC adapter, extra).



PORTABLE AM/FM STEREO CASSETTE SYSTEMS



Budget-Priced Portable With End-of-Tape Auto-Stop

■ Tone Control

■ Sleep Function ■ Audible Cue/Review

Low As \$25 Per Month on Bencharge

Realistic SCR-52. Versatile AM/FM cassette stereo has three-way

power so you can take it with you wherever you go. You can even fall asleep to the radio and it will shut itself off. Just insert a cassette that is the length of time you want the radio to play and set "Sleep Function". Check batteries with handy battery indicator. Jacks for 1/6" plug headphones and external mikes. Requires 6 "AA" cells or AC or DC adapter, extra. 14-8101 119.95



Auto-Reverse Playback And 2-Way Speakers

■ Auto-Reverse For Continuous Play ■ 3" Woofers

Low As \$25 Per Month on Bencharge

Available Oct. 30, 1985

Realistic SCR-21. Enjoy stereo from tapes and FM, plus your favourite AM stations, anywhere. Record off-the-air or make live-action tapes using the built-in mikes. Rotary balance and tone controls. Tape/radio and band select switches. LED tape direction, battery and FM stereo indicators. Jacks for adding 1/8" plug headphones and external mikes. 47/16 x 143/4 x 23/4". AC operation (or 6 "AA" cells or DC adapter, extra). 14-791 179.95



Exciting Portable Featuring Switchable Stereo-Wide™ 4

NEW '86

■ 4-Woofer/2 Tweeter **Design Projects** Stereo Sound

Low As \$25 Per Month on Bencharge

Realistic SCR-19. Six-speaker design brings a spectacular new dimension to portable stereo! For even more enhancement, switch on our exclusive Stereo-Wide 4. You won't believe the difference! Front-mounted woofers and solid-state tweeters combine with top-mounted drivers for room-filling stereo. Also features built-in mikes, auto-stop and tone control. 1/6" headphone jack, external mike jacks. 43/4 x 173/4 x 43/4". AC operation (or 6 "C"



Full Auto-Reverse And 2-Way Speakers

Low As \$25 Per Month on Bencharge

■ Auto-Reverse on Record and Play

■ 5" Woofers

Realistic SCR-16. Auto-level makes it easy to make perfect-volume stereo recordings off-the-air or with the built-in con-

VALUE-PRICED AM/FM STEREO CASSETTES



Bencharge Revolving Credit* See Page 3

Our Lowest Priced Stereo Cassette



Realistic SCR-14. Record off-the-air or "live" with built-in or optional external mikes. Wide-range 31/2" speakers. Balance and tone controls. Tape auto-stop and pause control. LED FM stereo and record indicators. Aux input for adding an external audio source, 1/4" headphone jack. 69/4 x 159/4 x 39/8". AC operation (or 6 "D" cells or DC adapter, extra). 14-78499.95

9995

Dynamic Dual-Speaker Sound

Stereo Portable With "Sleep Switch"

13995

- Auto-Stop in Record and Play
- Auto-Level for Perfect-Volume Recordings
- Glide-Path® Volume/Balance Controls



Realistic SCR-9. Listen to AM/FM or cassettes, record off-the-air or with built-in mikes. Monitor switch for listening to the radio as you record, sleep switch for dozing off to music. 31/2" wide-range speakers. Five-LED audio level meter and LED FM stereo indicator. Jacks for 1/4"-plug headphones and external mikes. 8 x 15½ x 3½". AC operation (or 6 "D" cells or DC adapter, extra). 14-779 139.95

Lowest Priced With 2-Way Speakers



Realistic SCR-12. An excellent value with auto-level for perfect-volume recordings, auto-stop, dual 4" woofers and solid-state tweeters. Built-in mikes let you make "live" recordings, or tape off-the-air. Tone control. LED FM stereo indicator. 1/4" headphone jack. Jacks for external mikes. 8½ x 16½ x 3¾". AC operation (or 6 "D" cells or DC adapter, extra).

14-783...... 149.95

14995

*Low As \$25 Per Month on Bencharge

Dual-Speaker With "Stereo-Wide"



169⁹⁵

*Low As \$25 Per Month on Bencharge

AC and DC Adapters

Stop wasting batteries and start saving money! These adapters let you operate your portable tape player from 120VAC house current or 12VDC mobile power. Why use battery power when you don't have to?

Recorder Cat. No.	Uses AC Adapter	Uses DC Adapter
14-763 14-768 14-778 14-779 14-783		270-1534 270-1534 270-1534 14-844 14-844
14-784 14-786 14-787 14-788 14-789		14-844 14-844 14-844 14-844 270-1562
14-790 14-791		270-1562 270-1560

Recorder Cat. No.	Uses AC Adapter	Uses DC Adapter
14-795		270-1562
14-800	273-1454	14-844
14-808		14-844
14-812	273-1454	14-844
14-846	273-1454	14-844
14-1003		14-844
14-1004	273-1454	14-844
14-1005	273-1454	14-844
14-1006		14-844
14-1008	273-1454	14-844
14-1012	273-1455	14-844
14-1013	273-1435	270-1560

Cat. No.	Adapter	Adapter
14-1016	273-1436	270-1560
14-1023	273-1454	14-844
14-1024	273-1454	14-844
14-1029	273-1435	270-1560
14-1030	273-1435	270-1560
14-1031	273-1454	14-844
14-1032	273-1454	14-844
14-1033	273-1436	270-1560
14-1034	273-1435	270-1560
14-1037	273-1435	270-1560
14-1050 14-1060		14-844 270-1560

Recorder Uses AC Uses DC

*Not required. AC power supply built-in. See page 145 for description of adapters.

PORTABLE CASSETTE RECORDER & PLAYER VALUES

Interchangeable Carry Strap/Handle



NEW '86

99⁹⁵

Auto-Level
Recording
"Off Air" or
With Built-In
Microphone

Carry-Along AM/FM Cassette



8995

Records Directly Off-the-Air or "Live" With Built-In Electret Microphone

Tape not meraded

Realistic CTR-95. AM/FM cassette recorder comes with sturdy carry handle and an interchangeable shoulder strap for "hands-free" portability. Audible cue/review, tape counter, earphone and remote mike jacks. 105/₈ x 43/₁₆ x 23/₈". Requires 6 "AA" batteries or AC or DC adapter.

Endon Dock Contact by Procedure Contact by

Kiddie Cassette Recorder

39⁹⁵

- On-the-Go Cassette Entertainment for Kids
- Built-In Sensitive Electret Microphone
- Full-Range Speaker
- m Ruggedized for Kids

Realistic CTR-63. Features auto-stop to protect tape and save on batteries, volume control, pushbutton tape controls and easy-carry handle. 81/8 × 67/8 × 23/4". Requires 4 "C" cells or DC adapter. 14-846 39.95

Compact AM/FM Cassette Recorder



11995

- Auto-Level for Perfect Sounding Recordings
- Variable Monitor
 For Listening as
 You Record
- Audible Cue/Review

Our Best Cassette Recorder for Kids



4995

They'll Love The Colorful Carry Case

- Pull-Out "Strawberry" Mike
- **Color-Coded Controls**
- Hi/Lo Tone Switch

Voice-Actuated Cassette Recorder



NEW LOW PRICE!

8995

Was \$99.95 in 1985 Catalogue

Prevents Long Gaps Of Silence—Begins Recording When It Picks Up Your Voice, Stops During Pauses

THE BEST IN COMPACT CASSETTE RECORDERS

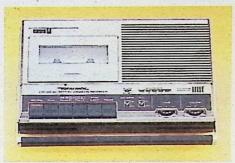
Desktop With Switchable Auto-Level

NEW '86

9995

Available Oct. 30, 1985

- Auto-Level or Manual Recording
- 5-Segment LED Recording Meter



Compact With One-Touch Record

Our Smallest Standard Cassette **89**95

- Built-In Electret Microphone
- Auto-Level Auto-Stop



Book-Size Recorder With Cue/Review



8995

Cue/Review Scans Tape in Forward or Reverse to Locate Desired Passages Easily

Popular Personal-Size Recorder

7995

- Great for Personal Memos or Lectures
- Auto-Stop Helps
 Prevent Tape Damage
- Audible Cue/Review Scans Tape to Find Selections Quickly



Slim-Style Electronic "Note-Takers" With Built-In Mikes

Budget-Priced for Students

(1) Realistic CTR-71. Has auto-level and end-of-tape auto-stop. Built-in electret mike for simple recording, IC audio amplifier for maximum power, lowest distortion. Requires 4 "C" cells or AC or DC adapter.

More Versatile for More Uses

(2) Realistic CTR-72. Three-way power for use anywhere! Features auto-level, auto-stop, built-in condenser microphone, and IC audio amplifier. AC operation (or 4 "C" cells or DC, extra). 14-1052.59.95

Our Feature-Packed Best



SAVE TIME WITH OUR ELECTRONIC NOTETAKERS

Our Best Microcassette Tape

DECTEATS

Zamen Auto son

Recorder



*Low As \$25 Per Month on Bencharge

- Voice Actuated Recording Saves Space on Your Tapes and Saves Time on Playback
- Cue/Review Helps Find Desired Part Of Tapes Quickly
- m Built-in Electret Microphone
- Precise Capstan Drive System

Realistic® Micro-20. Fits in the palm of your hand, yet offers excellent sound quality and has two speeds so you can record up to three hours on one MC-90 microcassette. In the voice actuated mode, the recorder stops automatically when there is no sound. Long pauses are not recorded, so tape space is conserved and you save time on playback. Standard recording mode, too. One-button shift from play to record mode makes it easy to correct your dictation. Has auto-stop at end of tape in all modes, adjustable voice-actuation sensitivity, LED record/battery indicator, tape counter, selector for 1.2 cm per second or 2.4 cm/sec speeds. Jacks: remote-control mike, earphone. Sturdy metal construction. Only 51/4×23/s×7/s". Includes strap, case, earphone, erase plug, manual. Requires two "AA" cells or AC or DC adapter.

Two-Speed Microcassette Recorders



11995

8995

- Built-in Mikes Record Up to 3 Hours on One MC-90 Microcassette
- (2) Micro-10. Above without voice actuation feature. 14-1016 89.95

Mini-Cassette Recorder With Handy Cue Feature



NEW LOW PRICE 59⁹⁵

Was \$69.95 in 1985 Catalogue

- Built-in Electret Mike
- Automatic Recording Level

Realistic Minisette®. Slide-action controls permit easy one-hand operation. Cue button advances the tape rapidly while in the play mode to help you find desired sections. LED record/battery condition indicator, wrist strap, earphone. 53/4×21/2×1". Fully compatible with all mini-cassette equipment and tapes. Requires 2 "AA" cells.

Recorder With Timesaving VSC**

NEW 386

129⁹⁵

- "Speed-Listen" to Any Tape At Up to Twice Normal Speed And Understand Every Word
- Standard Record/Play, Too
- M All the Features of Our 1985 VSC Model at \$40 Less



Realistic VSC-2000. Gives you faster, yet normal-sounding speech playback with any standard cassette. Slide-action playback speed and pitch controls. Normal/VSC switch does not affect VSC settings. Pause control, cue/review, tape counter, auto-stop, automatic record level, built-in mike. Jacks for included earphone, optional remote-control mike, aux. 2½, x 9½, x 6½,". AC operation (or 5 "C" cells or DC adapter, extra). 14-1060 ...129.95

See Page 42 for Micro, Mini and Standard Cassette Recording Tapes for the Recorders above

TAKE ALONG A STEREO-MATE PORTABLE



Bencharge Revolving Credit× See Page 3

AM/FM Stereo Cassette Player

(1) Realistic SCP-15. Compact, yet features a metal-CrO/normal tape selector and FM mono/stereo control for best sound quality. End-of-tape auto-stop, FM stereo/low battery LED. 61/16 × 37/16 × 41/2". Requires 4 "AA" cells or AC or DC adapter. 14-103189.95

8995

Our Best! Auto-Reverse, Dolby* B NR

(2) Realistic SCP-5. Superb sound on Dolby tapes, auto-reverse for non-stop listening, metal-CrO₂/normal and FM stereo/mono controls. Auto power-off when headset unplugged. LEDs: tape direction, FM stereo/ low battery. Belt clip. 5³/₄ × 3¹/₂ × 1³/₆". Requires 2 "AA" cells or AC or DC adapter. 14-1013 139.95

*TM Dolby Laboratories Licensing Corp.

NEW '86

*Low As \$25 Per Month on Bencharge







Amplified Speakers

6495 Pair

Battery powered. Plug into portable's 1/e" headphone jack. See page 21 for complete description. 40-1259 . . 64.95



Stereo Recorder/Player With Built-in Speaker

11995

NEW 86

Dual Electret Mikes! Records "Live" in Stereo Anywhere!

Realistic SCP-17. Really versatile! You can plug in headphones for great cassette stereo or listen with the built-in monaural speaker. Pause control for easy editing while you record. End-of-tape auto-stop in play and record modes. Hi/ low tone switch. Recharging capability. Jacks for external mikes. 5 × 3½/8×15½°. Requires 2 "AA" cells or AC or DC adapter. 14-1037 119.95

Stereo Player With Dolby, Auto-Reverse

NEW '86

9995

Continuous Listening! Tape Reverses at End of Each Side

Realistic SCP-19. Manual control changes tape direction instantly. Dolby B reduces hiss and expands dynamic range on Dolby cassettes. Metal-CrO₂/normal tape selector, LED indicators for tape direction and battery condition. 43/4 × 31/2 × 13/2 **. Belt clip. Requires 2 **AA** cells or AC or DC adapter. 14-103399.95



Stereo Cassette With Built-in



NEW 186

6995

- Detachable Belt Clip
- End-of-Tape Auto-Stop

Realistic SCP-20. Our smallest player in size and price lets you boost or cut response in bands centered at 100, 1000 and 10,000 Hz. You get "customized" sound that ordinary tone controls can't provide! LED low-battery indicator. 41/2 x 31/4 x 15/16". Requires 2 "AA" cells or AC or DC adapter.



Lightweight

Get 10% off any headphone purchased with a STEREO-MATE portable

Low-Cost Stereo Cassette Player

4995

- Belt/Waistband Clip
- **■** End-of-Tape Auto-Stop

Realistic SCP-16. This very affordable player gives you good sound and all the basic features. Metal-CrO₂/normal tape selector, LED battery indicator, 59/a×31/2×19/1e*. Requires 4 ''AA'' cells or AC or DC adapter, 14-1032 49.95



All STEREO-MATE Portables on This Page Require Stereo Headphones (See Page 31) With Va" Plug.

RADIO SHACK CASSETTES-GREAT SOUND & VALUE



(1) Our Best! High-Tech Metal Tape

Low As Coated With Fine-Grain Metal Particles For Increased High-Frequency Headroom

Enjoy reproduction that is virtually indistinguishable from open-reel. Remarkably low noise level, extremely wide dynamic range. For recording on metal-capable equipment only. Plays on all cassette equipment. Precision 5-screw housing. Hinged storage box.

Туре	Total	Cat.	Each				
Type	Recording Time	No.	11-11	12-23	24-47	48-Up	
C-60 C-90	60 Minutes 90 Minutes	44-960 44-961	7.95 9.95	7.19 8.99	6.39 7.99	5.29	

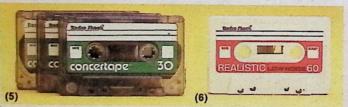
(3) Premium Ferric Oxide Formulation

Low 239 C-45 Delivers Optimum Performance at Normal Bias for Greater Musical "Detail"

Quality recording tape at a low Radio Shack price! Precision housing cuts wow and flutter. For record and playback on all cassette equipment. Non-abrasive head-cleaning leader. Hinged storage box.

Туре	Total Recording Time	Cat.	Each			
		No.	1-11	12-23	24-47	48-Up
C-45	45 Minutes	44-920	3.39	2.99	2.69	2.39
C-60	60 Minutes	44-921	3.95	3.49	3.29	2.69
C-90	90 Minutes	44-922	4.95	4.39	3.99	3.69
C-120	120 Minutes	44-923	5.95	4.69	4.29	4.19

Concertape®—Quality Sound at Low Cost



Use shorter tapes for "voice letters", longer tapes for note taking, recording music. Polyester base resists humidity, aging and stretching.

Low agg

(2)		acks c	-50	As	2
Type		Recording		3-Pack	
'''	_	Time	No.	1-11	12-Up
C-3	0	30 Min. 60 Min.	44-606 44-607	3.95 4.49	2.99 3.49
C-9		90 Min.	44-613	5.95	4.69

(5) 3-Packs C-30

Singles C-60 195

Туре	Record Time	Cat.	Each
C-60 C-90	60 Min. 90 Min.	44-605	1.95

(2) Hi-Bias for Improved Dynamic Range

Low As C-60 Captures the Loudest and Softest Passages While Reducing Noise

For recording on equipment with CrO hi-bias switch. Plays on all cassette equipment. Has head-cleaning leader. Hinged storage box. It's a really great value, so stock up.

Type	Type Total Recording Time	Cat.	1967	Ea	ch	Taraba and
Type		No.	1-11	12-23	24-47	48-Up
C-60 C-90	60 Minutes 90 Minutes	44-940 44-941	5.49 7.49	5.19 6.99	4.69 6.19	3.99 5.49

(4) Low-Noise High-Output Ferric Tape

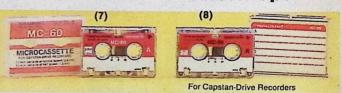
C-30 High Outpu

High Output and Wide Frequency Response, Low Noise and Distortion

Standard tape with above-standard sound! Special High-Flux Density oxide formula. Precision housing reduces wow and flutter. With hinged storage box. Quality and value from Radio Shack.

Туре	Total	Cat.	Each			
1,700	Recording Time	No.	1-11	12-23	24-47	48-Up
C-30	30 Minutes	44-601	2.49	2.19	1.99	1.80
C-60	60 Minutes	44-602	2.89	2.49	2.29	1.99
C-90	90 Minutes	44-603	3.49	2.99	2.89	2.49
C-120	120 Minutes	44-604	4.49	3.99	3.69	3.29

Values in Microcassette Tape



(7) Micro-60 Low As 399

Up to 60 min. at 2.4cm/sec., 120 min. at 1.2cm/sec. 44-640. 1-9 ... Each 4.95 10-Up ... Each 3.99

Up to 90 min. at 2.4cm/sec., 180 min. at 1.2cm/sec. 44-644. 1-9 ... Each 10.95

(8) Micro-90



Casselette®

Mini-30. For rim-drive recorders like our Realistic Minisette and others.

2011 /13	Per Side			
Recording	Cat.	Each		
Time	No.	1-9	10-Up	
30 Min.	44-633	3.89	2.99	

Low As Q95

15 Min.

Radio Shack—65 Years of Value, Service and Reliability in Electronics

REALISTIC® QUALITY OPEN-REEL & 8-TRACK TAPE



(1) SUPERTAPE® Premium Open-Reel

Low

5" Reel

Super-Calendered for a Mirror-Like Surface

Get superb sound and wide dynamic range without special bias settings with our finest open-reel recording tape. Superior sensitivity and wide frequency response. High tensile strength for long life. Polyester base resists humidity, aging, breaking and stretching.

Reel			Cat.	Each		
Size Feet	Mil	No.	1-9	10-499		
5"	900	1.0	44-1872	7.95	5.29	
7"	1200	1.5	44-1878	9.95	6.99	
7"	1800	1.0	44-1877	11.95	8.79	
7"	3600	0.5	44-1880	18.95	14.29	

(2) REALISTIC Low-Cost, Low-Noise Tape

Wide Frequency Response

High-quality open-reel tape with uniform oxide coating for excellent frequency response and signal-to-noise ratio. Polyester base resists temperature and effects of humidity, aging and stretching.

Reel	Reel Size Feet Mil	Ca	Cat.	in the state of	Each		
Size		No.	1-5	6-9	10-49	50-499	
3"	225	1.0	44-734	1.95	1.75	1.69	1.39
5"	900	1.0	44-753	4.95	4.69	4.29	3.79
5"	1200	0.5	44-752	6.95	5.59	5.29	4.99
7"	1800	1.0	44-754	8.69	7.49	6.95	5.99
7"	2400	0.5	44-758	9.95	8.95	7.95	7.29
7"	3800	0.5	44-766	13.95	11.49	10.49	9.95

(3) All-Purpose Budget-Priced Concertape

1800 Feet On 7" Reel Choice of Thousands for General Purpose, Off-the-Air Recordings!

Enjoy hours and hours of quality recording at remarkably low cost. Heavyduty, 1-mil Polyester base resists breaking and stretching. Delivers wide frequency response. Up to 96 minutes recording time per side at 33/4 ips. Includes storage box. Stock up now so you won't ever be caught short.

Open-Reel Recorder Accessories



7" Metal Reel

95

Professional Quality!

Improves performance and appearance of open-reel recorders. Won't crack, split, warp. Storage box. 44-280 .9.95

Plastic Tape Reels



Low As 195

With Index, **Timing Chart**

Reel	Cat. No.	Each
5"	44-278	1.95
7"	44-279	2.49

Editing Leader Tape



Color-coded leader. Two 150-foot reels. 1/4" x 1.5 mil. 44-1053 . Pkg. 2/2.95

Tape Reel-Holders

Pkg. of 2



Keeps reels seated and wobble free. Fits most recorders.



(4) SUPERTAPE® Lab **Standard 8-Track Tape**

90 Minutes

Delivers Superior Frequency Response

High-output, low-noise formulation reduces hiss. Back-coated with lubricant to prevent tape jamming for increased tape life. Polyester base resists stretching, breaking. 44-843

	E	ich	
1-11	12-24	25-49	50-Up
5.49	4.99	4.19	3.89

(5) Low-Cost 8-Track Tape With Oxide Coating

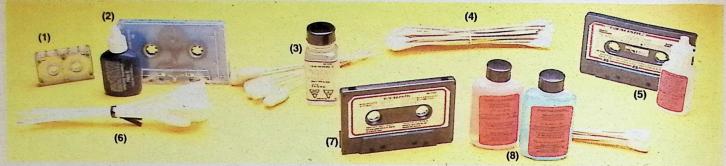
40 Minutes

Captures More Music With Less Noise

Friction-reducing lubricant for long life and trouble-free recording and playback. Polyester base re-sists breaking and stretching.

	Record	Cat.	Each			
	Min.	No.	1-11	12-24	15-49	50-Up
	40	44-840	2.95	2.49	2.29	1.99
i	80	44-841	3.95	3.15	2.79	2.59

YOUR TAPE CARE AND CLEANING HEADQUARTERS



Head Cleaning Products for All Types of Audio and Video Recorders

- (2) Cleaner Cassette. Felt pads with unique wiping action clean tape head, pinch roller and capstan. With ¹/₂-oz. of cleaning fluid. 44-1163 7.95
 (3) Professional Head Cleaning Kit. For audio and video, it includes a 6-dram bottle of Freon TF™ solvent and six foam swabs. 44-1170 3.79

TM Trademark E.I. du Pont de Nemours & Co., Inc.

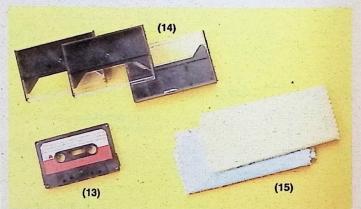
- (6) Foam Cleaning Swabs. Clean delicate audio and video recording and playback equipment like the pros. Lintless and reusable.

 44-1094

 Pkg of 10/2 95



Cassette Tape Protectors and Organizers



Aids for Storing and Restoring Tapes

Head Cleaners for 8-Track Equipment



- (16) 8-Track Doubleheader. Insert into tape player to clean head, sensor and capstan.
- (17) 8-Irack Head Cleaner. Removes oxide deposits from heads and restores volume.

Head Cleaning Sprays and Solvents



- (18) Cleaner Spray. Cuts grime. Extension nozzle. 5 Oz. 44-1011 3.95
- (19) "Pro" Solvent. Freon TF™ dissolves dirt and oxide. 2 oz. 44-1171 2.95
- (20) Head Cleaner Solution. For metal parts. 2 oz. 44-1010 1.69

TM E.I. du Pont de Nemours & Co., Inc.

See Our Complete Line of Tape Decks, Portable Tape Recorders and Personal Portables

WE HAVE EVERYTHING IN RECORDING ACCESSORIES



Head Demagnetizers, DC Adapter and Bulk Tape Eraser

- (3) Electronic Cassette Head Demagnetizer. An electronic demagnetizer you can use anywhere because it's cordless and battery powered. Loads like an ordinary cassette and demagnetizes in one second. Helps preserve crystal-clear highs, improves signal-to-noise ratio, cuts hiss, and improves high-frequency response. LED indicates when head is demagnetized. With long-life battery, complete instructions. 44-1165 28.95
- (4) Cassette Head Demagnetizer and Cleaner. Don't take chances on equipment "eating" your tapes. Cordless design goes anywhere. Load like an ordinary cassette for just 60 seconds after every eight to ten hours of operation. Prevents loss of "highs" and keeps tape path and heads clean. Helps prevent jamming and reduces hiss and noise. For all cassette players and recorders. With complete instructions. 44-8016.
- (5) Car/Boat DC Adapter. Save batteries while camping, boating or driving. Switchable 6V-9V DC operation. Powers most portable radios and recorders from your car or boat's cigarette lighter. LED "on" indicator. 6-foot cord. Fused. With complete instructions. 12VDC neg. gnd. 14-844D 8.95



Splicers for Editing and Repairing Tapes

- (8) Universal Tape Splicer. For all tapes. With razor blade, instructions. 44-216 3.95

Splicing and Sensing Tape

(9) Splicing. Resists age, heat, humidity. 100" roll.

	Width	Cat. No.	Each
Г	7/32"	44-1125	1.49
	3/8"	44-1126	1.49
ſ	1/8"	44-1128	1.49

Cassette Hand-Winder



On/Off Foot Switch



549

Remote control switch for handsfree on/off capability. Ideal for typing from dictation. Sub-mini plug fits remote control jack of most recorders. 44-610 5.49

Phone Pickup Coil



2¹⁹

Simple To Use

For high-quality recordings of personal phone calls. Suction cup fastens on phone receiver. With cord, 1/s" mini-plug.

Carrying Strap



Durable strap for carrying tape players and portable stereos. Fully adjustable with non-slip backing and metal clasps. 44-8017A...6.49

See Our Complete Line of Video Tape Accessories on Pages 46-47

AUDIO/VIDEO TAPE ORGANIZERS AND PROTECTORS



Low As 649

Store Them Like Books

Deluxe album-style case holds 16 cassette tapes. 44-8009 8.95 12-Cassette Case. 44-612A . . 6.49 24-Cassette Case. 44-609A . 12.95

15-Audio Cassette Trav



195

Fits Shelf/Drawer

Tinted cover protects tapes, lifts off for easy access. 31/8 x 121/2 x 41/2". 44-665 4.95

36-Cassette Cabinet



- Fits Shelf or Drawer
- Stack It With Your Components

Three compartmented drawers organize tapes for easy selection, protect them from dust. Walnut vinyl finish, non-scuff feet. 4 ¼ x 15 1/8 x 12 1/2". 44-684 19.95

Audio Cassette Cases | Audio Cassette Racks |



395 Set of 2

For Up to 20 Tapes

Smoked acrylic racks hold ten cassettes each for a total of 20. Add more as your tape library grows. 44-682 3.95 Deluxe Attache-Style 60-Tape **Cassette Case**

■ Holds up to 60 cassettes in their boxes



Our finest portable tape storage case. Handsome leather-look padded vinyl finish with deluxe aluminum trim. Three hinges, two locking latches and heavy duty carrying handle. Soft interior. 44-8022 . . 34.95



Vinyl carry case protects, organizes 24 cassettes. 44-658B . 12.95 Case for 30 tapes

/ 95

Vinyl carry case has snap-lock handle and aluminum trim. Attache style case

1995



Padded vinyl attache style case holds 24 tapes. 44-8020....19.95

Microcassette Album

Holds 6 **Boxed Audio** Tapes



Convenient vinyl carrier folds to 67/8 x 51/8 x 3/4". 44-683 2.95

Vinyl tape case



Carry case holds 12 cassettes for easy storage. 44-8021A8.95

Holds 12 **Audio Tapes**

Tray

Mini/Micro

Cassette

Smoke-tinted cover. 2 x 213/16 x 7". 44-678 5.95

Video Tape Storage Module

Holds 895 Six Tapes



Expand as your video tape library growsjust lock on more modules. For VHS. 44-1190 8.95

Album

749 For VHS Or Beta **Video Tape Storage** Compartment

595

With Drawers

Holds 20 VHS or Beta Tapes

Attractive, sturdy wood cabinet with two compartmented drawers will support up to 70 pounds. No-mar feet. 44-1199 .34.95

Video Tape Racks



695 Set of 2 For VHS and Beta Smoke-colored molded racks each hold six tapes for a total of 12.

Protects cassettes from damage and organizes them on your shelf,

Video Tape Mailer Video Library



Labels Included

VHS. 44-11923.95 Beta. 44-11933.95

Universal VCR Cover



See-Thru Front

Keeps out damaging dust. Staticresistant vinyl. Fits most VCRs. 7x 20×16". 44-1182 6.95

library-style. 44-1198 2.49 44-1197 6.95 Tapes Not Included With Items Above

SUPERTAPE VIDEO CASSETTES—THE STANDARD OF **EXCELLENCE FOR RECORDING AND PLAYBACK**





NEW LOW PRICESI



Buy any of These Tapes in Quantities of 12 or More and Save \$1 Per Tape!

VHS T-120 Gold HG

95 Was \$19.95 In 1985 Catalogue Each, 1-11

VHS T-120

Was \$16.95 In 1985 Catalogue Each, 1-11

Beta L-750

4 95 Was \$16.95 in 1985 Catalogue Each, 1-11

Magnetic Particle Binder System For Extra-Long Tape Life

VHS T-120 SUPERTAPE GOLD HG. For the best in slow-speed and special effects recording and playback. Captures the fullness and richness of color and detail, reduces dropouts and improves sound quality. Our exclusive High-Grade Formulation delivers many more hours of enjoyable playback of your video tape library. Excellent for use with the newer Hi-Fi video cassette recorders. 44-410 14.95

SUPERTAPE Video Cassettes. Designed to deliver performance that you'll continue to enjoy even after multiple recordings and hundreds of playbacks. Our exclusive formulation and binder system combined with perfectly aligned and optimally sized magnetic particles give you increased chroma output for brilliant, true-to-life colors. Even the cassette housing is special-it is precision made to close tolerances that minimize dust pickup and reduce friction. Compatible with all brands of video cassette recorders

VHS T-120. Up to 6 hour recording. 44-400

Beta L-750. Up to 41/2 hour recording.

Beta L-500. Up to 3 hour recording. New Low Price. Was \$14.95 in 1985 Catalogue. 44-450 9.95

These Video Cassette Accessories Make Recording & Organizing Easy **Automatic VCR Cleaning Systems**

Loads Like an Ordinary Videocassette-Just Push the Play Button to Clean

Simple to use - no need to open your VCR. Safe, non-abrasive system cleans heads, capstan, pinch roller. Disposable, sealed inserts are pre-moistened with Freon TF* solution — no spillage, no guesswork. (1) For VHS Recorders. 44-117419.95

(2) For Beta Recorders. 44-1175 19.95 *TM E.I. du Pont de Nemours & Co., Inc.

Cleaning inserts





Refills for 44-1174 and 44-1175 VHS and Beta cleaners (above). 44-1173 Pkg. 3/4.95



Pkg. of 12

Labels and special purpose pen for VHS or Beta tapes. You just write and wipe off. 44-8023 Pkg. 12/4.95

VCR Cleaning Kit

Keep Your VCR Working Like New 1595

Cleans heads, rollers, capstan. With 4 cleaning tools, brush, mirror probe, glove, 1/2-oz. Freon TF™ cleaner, in-TM Trademark of E.I. duPont de Nemours & Co. Inc.



Video Tape Timer

WW.86(

795

Works With Most VCRs

Gives you elapsed time for 2, 4 or 6hour modes. Lengths up to 120-VHS, L-750 Beta. 44-1189 2.95

TV/Computer Screen Cleaner

includes Lint-Free Cloth

Brightens display, repels dust, removes fingerprints and smudges. For glass and plastic. 44-1150 6.95 Remote Pause



Edit out commercials during recording. For video and audio recorders. 12-ft. cable.

Bulk Tape Eraser



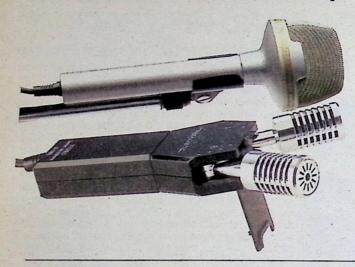
Avail. Oct. 30, 1985

For Beta, VHS Video and All **Audio Tapes**

Erases tapes more completely than recorder's erase head. Takes just seconds. AC operation. 44-233 ... 42.95

See Radio Shack's Complete Line of Video Accessories-Pages 99-101

DEPENDABLE HOME, STAGE AND STUDIO MIKES



Stereo Mikes—Two Elements in One Housing for Simplified Recording

4995

Dual-Pattern Electret 2995

Dual-Head Electret

Dual Pattern. Two sensitive electret elements and a special matrix circuit let you select "normal" pattern, or "wide" mode to enhance the stereo image when recording larger groups. 30 to 15,000 Hz response. 600 ohms. Wire mesh screen cuts wind noise. On/off switch. 8" long. 10-ft. cord with two 1/4" phone plugs. Vinyl carrying case, stand adapter. Requires "AA" cell. 33-919 49.95

Dynamic Mikes for Recording and PA, All With Wire Mesh Screens to Reduce Wind and Breath Noise



Realistic® Highball. Unidirectional. An outstanding microphone for public address systems and hand-held vocal use. 80 to 15,000 Hz response. On/off switch. Selectable high or low impedance—works with all types of equipment. Low-impedance (XLR) capability. 61/2" long. 16-ft. cable with 1/4" plug. Includes deluxe case, stand adapter. 33-984.

Super-Omnidirectional. Flat 40 to 17,000 Hz response. Rugged body with rubber shock ring to reduce vibration noise. Low-impedance (XLR) capability. 63/4" long. Includes 16-ft. cable with 1/4" plug, carrying case, stand adapter. 33-1070 59.95

Pattern Choice





Cardiold

Omni

Cardioid or Unidirectional. This pickup pattern helps reduce background noise and feedback.

Omnidirectional. Wide pickup pattern, equally sensitive in all directions.

Two-Way Use



Mikes 33-984, 33-1070 and 33-1071 are adaptable to "pro"-type XLR balanced output. See page 129 for XLR connectors.

Acoustic Foam Windscreen



Fits most microphones. Cuts wind and breath "pop": 33-3731.95

REPLACEMENT & SPECIAL-PURPOSE MICROPHONES



Thin Omnidirectional Mike **Ends Placement Problems**

Credit card size electret mike ideal for recording in auditoriums, lecture halls and conference rooms. Multiple sound paths and long distances have little effect on quality. 30 to 18,000 Hz. 700 ohms. On/off switch.



Breakthrough! Amazing PZM® Microphone

Realistic PZM. Pressure Zone Mike reacts to sound in much the same way as the human ear for superior coverage in large rooms and onstage. 20 to 18,000 Hz. 600 ohms. On/standby/off switch. Out-ofsight placement. Electret element mounted on a metal plate, 5 ½ x 47/8". 18-ft. cord, ¼" plug. Requires "AA" cell. 33-109049.95 PZM is a Trademark of Crown International

Binaural Amplified Listening Systems

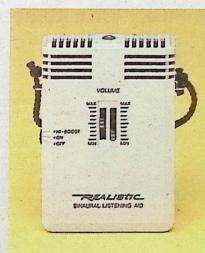


Electret Tie-Clip Mikes Leave Your Hands Free

Ideal for Stage, Lectures, Public Speaking

(1) Miniature Mike. Just 3/4" long. 50 to 15,000

(2) Omnidirectional. 30 to 18,000 Hz frequency response. 800 ohms. Only 7/8" long. Includes 61/2ft. cord, 1/4" plug, 1/6" mini plug adapter. With LR-44 battery, clip and tie pin. 33-1063 26.95



With Nova®-34 Headphones (Shown Below). Amplifies sounds around you for easy listening. Binaural (two channel) design gives you a natural sense of (See pages 30-31 for a full description of headsets)



With Nova-50 Headphones 33-1091/33-979

Reg. Separate Items \$62.90 Save \$12.95

Portable Tape Recorder Replacement Mikes With Remote-Control

Windscreen Dynamic



Mini-plug for audio, submini for remote on/off. 100-11,000 Hz. Low imp. 61/2-ft. cord, stand. 33-2001

"Pencil" Dynamic



150-10,000 Hz response. Minl-plug for mike, submini for remote control. Desk stand, 6-ft. cord. 33-1034 8.95

Low-Cost **Dynamic**

695



Dynamic quality at a crystal mike price. Mini-plug for mike, submini for remote control. Stand, 3-ft, cord, 33-1054 6.95

Dynamic 🔊

With Neck Cord And Desk Stand

MC-1000, Onmidirectional, 150 to 10,000 Hz. 10,000 ohms. 5½" long. 6-ft. cable, ½"

VALUE-PRICED PA AMPLIFIERS FOR EVERY USE





Features 1/4" Mike Jacks And XLR-Type Connectors For Using "Pro" Mikes

100-Watt Amplifier With Anti-Feedback Control

299⁹⁵

*Low As \$25 Per Month on Bencharge

- Power Meter Constantly Monitors Output Level
- Input/Output Jacks for Equalizer and Reverb
- Jack for Monitoring Overall Mix From Headphones
- Mix Bus Jack for Stacking Extra Amplifiers

Realistic® MPA-90. Our best amplifier has the power and performance you need in a portable that's ideal for large auditoriums and great for live bands. You'll appreciate the variable feedback filter that cuts any selected frequency from 300 to 3000 Hz by 12 dB to eliminate "howling". Four hi/lo impedance mike inputs, each with aux input and Glide-Path level controls. Master volume control with a handy "memory" ring, lighted power meter, and LED clipping indicator. Overload protected. Metal case.

32-2024

SPECIFICATIONS. Frequency Response: 30-20,000 Hz ± 2 dB. Power: 100 watts rms at 4 ohms. Outputs: Mix bus, EQ in/out, push-terminals and phonotype jacks for 4 to 16-ohm speakers, $^{1}4^{\prime\prime}$ headphone jack. Power Requirement: 120VAC, 60 Hz, 200W. Size: $4^{3}/6 \times 14^{1}/2 \times 10^{1}/2^{\prime\prime}$.

Compact 35-Watt PA Amplifier With Remote Priority Override



169⁹⁵

*Low As \$25 Per Month on Bencharge

- For Mid-Size Auditoriums, Churches, Paging, Music
- 70V Output for Multiple Speaker Systems

SPECIFICATIONS. Frequency Response: 70-15,000 Hz + 1/-3 dB. Power: 35 watts rms at 8 ohms. Outputs: 4, 8, 16 ohms; 70V line; terminals for adding optional SPST switch for remote priority switching. Power Requirement: 120VAC, 60 Hz, 120W. Size: $41/2 \times 101/2 \times 71/2$ ".

20-Watt PA Amplifier Operates on 120VAC or 12VDC for Mobile Use



9995

- Accepts Either Low or Hi-Impedance Mikes
- High-Level Phono/Aux Inputs

SPECIFICATIONS. Frequency Response: 150-20,000 Hz ±3 dB. Power: 20 watts rms at 8 ohms. Outputs: 4, 8, 16 ohms; 70V line. Power Requirement: 120VAC, 60 Hz, 40W or 12VDC negative ground. Size: 41/2×101/2×71/2*.

BIG SAVINGS ON CUSTOM PA SYSTEMS



"Toastmaster's" Special

Bencharge Revolving Credit* See Page 3

Save

\$13975

Reg. Separate Items 718.75

"Singer's Choice"



Save Reg. Separate \$266 35 Items 1335.35

106900

- m MPA-90 Professional PA Amplifier
- Four Cast-Base Microphone Stands
- Four Highball Dynamic Microphones
- Four PA-95 Portable Column Speakers

100W 2-Mike Club System



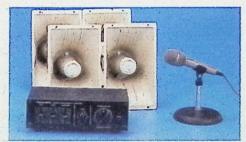
Save \$15970

Reg. Separate Items 818.70

659[∞]

- m MPA-90 Professional PA Amplifier
- m Folding Microphone Stand
- # Highball Dynamic Microphone
- Two PA-95 Portable Column Speakers
- MPA-90 Professional PA Amplifier
- Cast-Base Microphone Stand ■ Highball Dynamic Microphone
- 2-Piece FM Wireless Microphone
- m Two PA-95 Portable Column Speakers

Sports Announcer System



Save \$100⁶⁵ Reg. Sep. 379 00

- MPA-35 PA Amplifier With Remote Override
- Dynamic Cardiold-Pattern Microphone
- Four Super Powerhorn® Speakers
- Cast-Base Desktop Microphone Stand

Meeting Hall System

\$9415

Reg. Separate Items 453.15 **359**[∞]





- MPA-35 PA Amplifier With Remote Override
- **Two Cast-Base Microphone Stands**
- Six 10-Watt, 70-Volt Line Transformers
- m Two Tight Cardioid-Patten Dynamic Mikes
- Six 8" Wall-Baffle Speakers

Office Paging System



\$7095

Reg. Separate Items 369.95 299∞

- m MPA-35 PA Amplifier m Desk Mike Stand
- m Six 10-Watt, 70-Volt Line Transformers
- Tight Cardiold-Pattern Microphone
- w Six 8" Full-Range Speakers
- Six Steel 8" Ceiling Speaker Grilles

"Anywhere" PA System



\$5980

Reg. Separate Items 308.80

249°

- MPA-20 PA Amplifier
- Folding Microphone Stand
- Highball-7 Microphone
- PA-95 Column Speaker

Low-Cost Paging



Save Reg. Separate 179 0 \$4065 Items 219.65

- MPA-20 PA Amplifier
- **Cast-Base Desk Mike Stand**
- # Highball-2 Dynamic Mike
- # Four 5" Powerhorn Speakers

"On-the-Go" PA System



Save \$5080 Reg. Separate Items 269.80

-)[∞] 219°
- MPA-20 PA Amplifier
- Highball-2 Dynamic Mike
- Two PA-25 Speakers

Compact Portable PA



Save \$2889

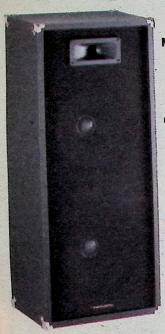
Reg. Separate Items 167.89

139∞

- m MPS-20 PA Speaker/Amplifier
- * Highball-7 Microphone
- * Heavy-Duty 12VDC Power Cord
- Use Your Radio Shack/Bencharge Card to Get a Complete PA System for As Low As \$25 Per Month

BIG SELECTION OF PA SPEAKERS AND ACCESSORIES

High-Power Public Address Sound Reinforcement Speaker



For Voice or Music in Clubs, Schools or Stage Shows

Low As \$25 Per Month On Bencharge

Two Heavy-Duty 10" Woofers And Piezo **Horn Tweeter**

Balistic PA-95. You'll get outstanding performance om this high-efficiency speaker system that features controlled sound coverage and a smooth, extended response from 100-20,000 Hz. 100-watt RPH. 8 ohms. System sensitivity: 95 dB (SPL at 1 W/1 M). Rugged vinyl enclosure with carry handle and protective metal corners. Has $\frac{1}{2}$ " jack and two spring terminals for easy hookup to any amplifier. 30 x 13 x 8½". 40-1411 159.95

Lightweight Portable PA **Speaker System**



NEW '86

- Two Wide-Range 4" Speakers
- Bass Reflex Enclosure

Realistic PA-25. Compact and easy to carry, these little speakers deliver full-size sound. Frequency response is 100-18,000 Hz. Handles 50 watts, 8 ohms. System sensitivity: 91 dB (SPL at 1W/IM). 1/4" jack, two spring terminals. Vinyl leatherette finish. Carry handle. 83/4×13×63/4". 40-1420

Multi-Purpose Powerhorns



These PA, music and paging speakers are waterproof, dustproof, shockproof and resist rust for years of quality performance. All 8 ohms, include mounting bracket.

8"	Horn.	15 watts. 40-1239	37.95
5"	Horn.	8 watts. 40-1236	19.95
4"	Horn.	5 watts. 40-1244	16.95

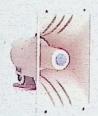
8" Wall Speaker/Baffle



For voice or music. Mounts easily on Wall. Handy built-in volume control. 8 ohms. Walnut vinyl finish. 103/4 x 103/4 × 43/4".

40-219 19.95

40-Watt Super Powerhorn®



Extra-Wide . Frequency Response

High-efficiency design for maximum sound fidelity for speech and music. Engineered for years of reliability. Weatherized molded housing, metal swivel base. Power capacity, 40 watts. 8 ohms. SPL: 110 dB (1W/1M).

In/Outdoor Speaker



4" speaker has slots and hardware for wall mounting. 8 ohms. 4¾ x 5½ x 3". 40-122712.95

Cast-Iron Base Mike Stand

Easy-to-Adjust Sure-Grip Clutch

Heavy-duty chromed tube adjusts quickly from 34" to 64". Low-profile base, protective rubber feet. Standard rubber feet. Standard mike threading. 33-320 28.95

70V Line



2.5, 1.25 and 0.62 watts. For 4, 8 or 16 ohms. 32-1031 . 5.95

Desk Mike Stand



995

Padded Feet

Heavy-duty cast-base with 4" chromed tube. Standard 5/a"-27 thread to fit most mikes. 33-370 . . . 9.95

Portable Folding **Mike Stand**

Adjusts from

32-57" Ideal for portable PA or recording mikes. Standard

5/8"-27 thread. Positive action clutch. Folding legs, rubber feet. 33-325 . . . 28.95

Adapts our MPA-90 and

other amps to

70V line. 4-ohm

primary. 32-1032, 32.95

31" Boom Adapter

1995

Built-in Counterweight

Great for recording applications. Chromed tube, length/ angle adjustments. 5/8"-27 threading. 33-344 19.95

Transformer



Taps at 10, 5,

Mike Fasteners

NEW '86



100-Watt, 70-Volt

Line Transformer

(3) Multi-directional 13" gooseneck. 33-330 6.95 (4) 5/8" screw flange. Attach mike to desk or lectern. 33-332

Adapters



(1) A3F. Connect "pro" line to hi-Z. 274-016 (2) A3M. Use hi-Z mike with "pro" system., 274-017 14.95

Mike Stand Adapters



Low As 369 (6)

(5) Clamp-on to stand for side mount. Holds most mikes.

33-372 ... (6) Slip-in standard mike holder. 33-371 3.69

Apply Today for Your Radio Shack/Bencharge Card and Increase Your Buying Power

AUDIO ACCESSORIES THAT PUT YOU IN CONTROL

Pro-Quality Stereo Mixing Console



Stereo Mike/Tape/Phono Mixer



Amazing Electronic Reverb System



Add echo and reverberation effects to "live" vocals, recordings, or musical instruments. Give demo tapes a professional sound, or add excitement to local concerts and plays. Jacks for line in, line out and ¼" mike in/out. 2% x 6%8 x 4%". Requires six "AA" batteries. **32-1110** **49.95**

Our Finest Stereo Audio Mixer



Low-Priced Stereo Mike/Line Mixer



Sound Level Meter

NEW 186

3495

- Phono-Type Output Jack for Connection to Hi-Fi
- Threaded Insert for Attachment to Camera Tripod
- **■** Battery Condition Indicator



See Our Complete Line of Audio and Public Address Equipment and Accessories

WIRELESS MIKE AND PORTABLE PA SYSTEMS

Complete 2-Piece Wireless FM Microphone System

- Crystal-Controlled Transmitter
- Dual Conversion Receiver
- Clip-on Electret Mike

Hands-free talking and freedom of movement for lecturers and instructors. Use it with PA or hi-fi system amplifier, or video camera. Transmitter has off/standby/talk switch, LED battery-test indicator, belt clip. Receiver has ceramic filter and auto-squelch for clean reception, LED "on" and "ready" indicators, line and mike jacks and level control. 49 MHz. operation. System frequency response is 70-10,000 Hz. Transmitter $(2^3_8 \times 3^3 \times 7^7_8")$ requires "AA" cell. Receiver $(2^1_8 \times 5^1_8")$ operates on AC (or DC adapter, extra).



Portable 12-Watt Speaker System



Low As \$25 Per Month on Bencharge

- 61/2" Woofer
- 11/4" Tweeter

Realistic® MPS-20, Amplifies instruments, or voice if you add a mike, with virtually no distortion. Aux jack accepts high-level sources or tape deck, mixes with mike input. Volume, tone controls. 11½ x 9 x 65/8". AC operation (or DC adapter, extra). 33-2028 139.95

12VDC Cord.

270-1534 7.99

Wireless Mike System With Receiver/Amplifier

*Low As \$25 Per Month on Bencharge

- Up to 200-Foot Transmit Range
- **10-Watt Amplified Speaker**

Perfect for lecturers and speakers. Lightweight transmitter with tie-clip electret mike, volume control, on/off/standby switch. Dual-conversion receiver/amp has ceramic filter, line and mike jacks with level controls, 6.3" speaker in rugged portable enclosure. Transmitter (23/8 x 33/4 x 7/8") requires "AA" cell. Receiver/amp (143/16 x 105/16 x 63/4") operates on AC (or DC adapter, extra).





Low-Cost 1-Watt PA Speaker

Amplified Sound Whenever You Need It

Portable system sets up anywhere, in seconds. Tone and volume controls, 1/6" mike and aux jacks. 211/16 × 5 × 315/16". Requires 4 "C" cells or AC adapter. 32-2031 ... 19.95 AC Adapter.

273-1454 ...



PA You Can Hold In Your Hand

Handy Thumbwheel Volume Control

Powerhorn®. Hand-held megaphone is a "one-hand" public address system that's ideal for sporting events, picnics, pep rallies and more. Makes your voice intelligible up to 300 feet away. Handy thumbwheel volume control for easy operation. Requires 8 "AA" cells. 32-202946.95

DUAL-CASSETTE AM/FM STEREO PHONOS



Bencharge Revolving Credit* See Page 3

Our Very Best! Features Dolby† B Noise Reduction

Low As \$25

- Dolby NR System Cuts Tape Hiss And Extends Dynamic Range
- 2-Speed Automatic Record Changer
- Per Month On Bencharge "Soft-Touch" Pushbuttons

Realistic Clarinette®-115. Deluxe all-in-one system lets you duplicate your personal cassettes, and also record from the changer, FM stereo, AM or "live" using optional mikes. Dual cassette deck has one deck for record and playback and one for playback only. The "continuous play" mode lets you listen to two tapes in sequence, automatically. With left and right record level controls for custom recording, three-digit tape counter and full auto-stop for convenient, fuss-free recording. Automatic record changer with cue/pause lever plays 331/3 and 45-RPM discs. Separate bass and treble controls for customized sound, CrO2/normal tape selector, loudness button for enhanced bass at low volume and hi-filter. LED indicators for FM stereo recording, Dolby and continuous play modes. Lighted tuning dial, 4" headphone jack, 1₈" mike jacks and auxiliary jacks for adding another component. Attractive walnut-grained vinyl veneer finish looks great in any room. Measures only 9⁴ x 6⁴ x 1⁵" so it's perfect for cottages or dorm rooms, wherever space is tight. 61/2" speakers in matching 17"-high enclosures complete the system. AC operation. 13-1219



Control





5-Step LED Audio Power Level Meter



- 6

Hickory-Grain Component Stand

ISEI 6

0

7995

- For Clarinettes
- Storage for records and accessories

Compact System With "Continuous Play" Mode

*Low As \$25 Per Month on Bencharge

- 2-Speed Turntable with Cue/Pause
- Auto-Record Level
- "Continuous Play"

-- (5)

Realistic Clarinette-114. Has one cassette deck for record/play and one for playback only. Duplicate your cassettes, record from the radio or from records, or add mikes for "live" recordings. Features auto-stop on both decks, digital tape counter. Automatic turntable plays 331/3 and 45-RPM discs. With hi-filter and loudness pushbuttons, edge-lit dial, separate bass and treble controls. LED indicators for record, continuous play and FM stereo modes. ¼" head-phone jack, ¼" mike jacks. Vinyl finish. 9 x 16½ x 15". Matching 17" high enclosures with full-range 6½" speakers. AC operation. 13-1217 359.95

†TM Dolby Laboratories Licensing Corp.

CASSETTE AM/FM STEREO PHONO SYSTEMS



Versatile Compact With 8-Track Player

*Low as \$25 Per Month on Bencharge

■ 2-Speed Turntable With Cue/Pause

■ Auto-Level Recording

Realistic Clarinette®-117. Record cassettes from the radio, turntable, 8track deck, or "live" using optional mikes. Cassette has auto-stop, pause



Affordably Priced Dual-Cassette System

NEW '86

*Low as \$25 Per Month on Bencharge

Make Copies of Your **Personal Cassettes**

■ 2-Speed Turntable

Realistic® Clarinette-119. One cassette for record/play and one for playback only. Duplicate cassettes, record from the radio or from records, or add mikes for "live" recordings. Auto-stop on both decks. Automatic turnta-ble plays 331/3 and 45-RPM records, has auto tonearm return and auto-shutoff. Tone control. LED record, function and FM stereo indicators. 1/8" mike jacks. Vinyl finish. 17"-high speakers. 13-1223 259.95



Cassette System With Auto-Reverse



*Low as \$25 Per Month on Bencharge

■ 2-Speed Turntable

■ Tape Counter

Realistic Clarinette-118. Soft-touch logic-controlled auto-reverse lets you play or record both sides of tapes, automatically. Of course you can record



Our Lowest Priced All-in-One System!

*Low as \$25

■ 2-Speed Automatic Turntable Per Month

Auto-Level for Perfect-Volume

on Bencharge Recordings Every Time

Realistic Clarinette-116. The perfect first system. Record cassettes from the AM/FM radio, phono, or for "live" recordings, plug optional mikes into the ½" jacks. Cassette has end-of-tape auto-stop in record and play modes, pause control and LED record indicator. Turntable plays 33½ and 45-RPM records. Rotary volume, tone and balance controls. Vinyl finish. 17"-high speakers in walnut-grained vinyl finish. 13-1220 229.95

All Clarinette Systems Include Dust Cover and 1/4" Stereo Headphone Jack

MINI MUSIC SYSTEMS THAT KIDS LOVE



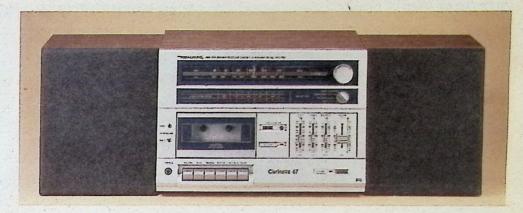
Bencharge Revolving Credit* See Page 3

AM/FM Stereo Compact With Cassette Deck

169⁹⁵

*Low As \$25 Per Month on Bencharge

- 5-Segment LED Audio-Level Meter
- Slide-Action Bass, Treble, Balance
- Aux Input for Adding Record Changer Or Other Component
- M Attractive Walnut Vinyl Finish



Realistic Clarinette®-67. Kid-size system fits almost anywhere. Records cassette tapes directly off-theair or "live" with optional mikes. Cassette has auto-stop, auto-level, 3-digit tape counter, pause control and LED record indicator. Tuner has automatic stereo/mono switching and LED FM stereo indicator. Amplifier has LED power-on indicator and 1/8" mike jacks. Two full-range 5" speakers in 93/1e"-high enclosures. 13-1218.

Child's Play! Phono With Mike





4495

Plays 331/3 and 45-RPM Records

NEW 786

"Strawberry" Mike Lets Kids Sing Along

Kids will love hearing their own voices along with their favorite records. Two-speed phono with built-in speaker, volume control, on/off power switch. Durable case folds for easy storage. AC operation. 13-1123......44.95

Stereo Phono System With the Latest Styling



NEW '86

8995

- 2-Speed Phono With Built-In 45-RPM Adapter
- # 4" Full-Range Speakers

Realistic Clarinette-23. Manual phono with ceramic cartridge plays both 45 and 331/₃ RPM records. Features rotary volume and balance controls, power on/off and speed selector switches. 4" headphone jack for private listening. Includes dust cover. 10"-high speaker enclosures.

13-1124

HIGH-POWER IN-DASH AM/FM STEREO CASSETTES

Our Best Ever! Logic-Controlled Cassette With Dolby*B and CNR, 12-Station Memory



39995

NEW '86

*Low As \$25 Per Month On Bencharge

Available Dec. 30, 1985

Computerized Tape Handling With Soft-Touch Controls

Like the finest home cassette decks, our top-of-the-line autosound has a solenoid-operated mechanism and a computer logic "brain" that prevent tape jams and breaks. You get smooth all-electronic control of functions with soft-touch pushbuttons.

- 30 Watts Auto-Reverse LCD Tuning Display
- Power-Assisted Tape Load and Key-Off Eject
- Front/Rear Speaker Fader Line In/Out Jacks
- Separate Bass, Treble and Loudness Controls
- Auto-Search Helps You Find Tape Selections

*TM Dolby Laboratories Licensing Corp.



- 30-Watt Amplifier Dolby B Reduces Tape Hiss and Extends Dynamic Range
- Presets for 6 AM and 6 FM Stations Separate Bass and Treble Controls

Dolby B Cassette, 12-Station Memory and Auto-Reverse

359⁹⁵

*Low As \$25 Per Month On Bencharge

Key-Off Release Protects Player and Tapes

Fifteen watts per channel plus separate bass, treble and loudness controls really bring your music to life! The digital-electronic tuner locks in stations for driffree listening. Has manual and automatic station seek tuning in addition to memory presets. LED display shows exact station frequency and accurate quartz-locked time after a station is locked in. Frequency recall control. Locking fast-forward and rewind. Metal-Cro_y standard tape selector. Reversible black/simulated walnut trimplate. 12-1909. 359.95



- 24 Watts LCD Clock/Frequency Display Metal-CrO₂/Normal Tape Selector
- Presets for 6 AM and 6 FM Stations Automatic Key-Off Tape Release

Auto-Reverse, Front/Rear Fader, 12-Station Memory

29995

Low As \$25 Per Month On Bencharge NEW'86

Seek Tuning Locks in Next Available Station

Twelve watts per channel, great styling and all the most-wanted radio/cassette features. Quartz-locked digital-electronic tuning with pushbutton seek function and manual tuning mode. FM mono/stereo and local/distance controls for best reception of strong or weak stations. Separate bass, treble and loudness controls for sound just the way you like it. Locking fast-forward and rewind controls with LED direction indicators. Reversible black/silver trimplate. 12-1915 299.95

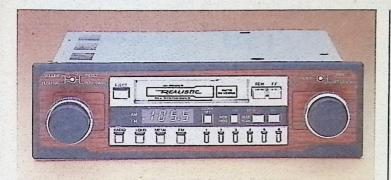
Models on these 2 pages include plug-in wiring harness with fuse and plenty of speaker cable, mounting hardware, illustrated instructions.

Require 4-wire ungrounded speaker wiring. For 12 VDC negative ground vehicles. See page 61 for installation information.

ALL WITH DIGITAL-ELECTRONIC TUNING



Bencharge Revolving Credit* See Page 3



Auto-Reverse, 12-Station Memory, Fader

NEW '86

24995

*Low As \$25 Per Month On Bencharge

- 24 Watts Key-Off Tape Release
- LED Radio Frequency/Time Display
- Memory for 6 AM and 6 FM Stations
- m Bass, Treble and Loudness Controls



"Mini" With Auto-Reverse, 10 Presets

NEW '86

269⁹⁵

*Low As \$25 Per Month On Bencharge

- 30 Watts Fits Most Imported Cars
- LCD Radio Frequency/Time Display
- Memory for 5 AM and 5 FM Stations
- Front/Rear Speaker Fader Control

Available Nov. 30, 1985

What a value! The twelve-watt per channel amplifier gives you robust bass and sparkling treble. The digital-electronic tuner provides convenient scan and automatic station seek tuning as well as instant selection of memorized stations. Signal enhancer IC really improves FM by automatically adjusting signal from stereo to mono and reducing noise on weak stations. Cassette features convenient locking fast-forward and rewind controls and a Metal-CrO₂/normal tape selector. Front/rear fader control. 12-1912 . 249.95

Full-size sound and features in a chassis designed especially for small vehicles. 15 watts per channel. Signal enhancer IC improves FM by automatically adjusting signal from stereo to mono and reducing noise on weak stations. Separate bass and treble. Accurate digital-electronic tuner with manual up/down and automatic station seek modes. LCD display shows exact station frequency and quartz-locked time. Locking fast-forward and rewind, LED direction indicators. Key-off tape release. 12-1919...269.95



Auto-Reverse, New "Flat-Face" Design

NEW 786

279⁹⁵

*Low As \$25 Per Month On Bencharge

- 30 Watts Line-Level In/Out Jacks
- m Memory for 5 AM and 5 FM Stations
- LCD Radio Frequency/Time Display
- **Front/Rear Speaker Fader Control**

Available Nov. 30, 1985

Fifteen watts per channel and precise digital-electronic tuning in the new "flat-face" design that's ideal for many late-model European and Honda cars. Pushbutton up/down, memory and automatic station seek tuning modes. Signal enfiancer IC improves FM reception automatically. Bass and treble controls. Cassette has selectors for metal-CrO2/normal tapes, locking fast-forward and rewind with LED direction indicators. Key-off tape release. Station frequency recall control. Line-in/out jacks let you add our equalizer 12-1867 on page 63. 12-1918.



True Digital Tuning, Truly Low Price!

NEW 186

18995

*Low As \$25 Per Month On Bencharge

- m 24 Watts m Separate Bass, Treble
- LED Radio Frequency/Time Display
- m Memory for 5 AM, 5 FM Stations
- m Manual Up/Down and Seek Tuning

Twelve watts per channel for outstanding sound plus drift-free digital-electronic tuning at a bargain price. Features an automatic seek tuning mode that advances the tuner to the next station and locks it in. The LED frequency display changes to a quartz-locked clock after a station is tuned in. A soft-touch control recalls station frequency, when desired. FM signal enhancer IC automatically adjusts signal from steree to mono and reduces noise on weak stations. End-of-tape auto-stop protects tapes. Locking fast-forward/eject control. LED indicators for tape and FM stereo. 12-1916..... 189.95

HIGH-POWER IN-DASH AM/FM STEREO CASSETTES

Exciting Value! 24 Watts, Digital-Electronic Tuning and New AM Stereo!



Available Dec. 15, 1985

- LCD Frequency/Time Display Memory Presets for 5 AM and 5 FM Stations
- Separate Bass and Treble Controls Locking Fast-Forward Auto-Stop

19995 Low Month of

Low As \$25 Per Month on Bencharge NEW'86

FM stereo and AM stereo! Now you have a wider choice of radio programming in stereo. And, if you live or drive where FM stereo reception is poor, AM's longer range means you can still enjoy the extra depth and realism of true stereo sound.

Your autosound dollar buys more at Radio Shack and here's one example. You get plenty of power, beautiful styling and the new Motorola C-Quam AM stereo system at this affordable price. Twelve-watt per channel amplifier with separate bass and treble controls gives you quality sound at all volume levels. Quartz-locked tuner provides convenient memory, seek and manual tuning modes. FM signal enhancer IC automatically adjusts signal from stereo to mono and reduces noise on weak stations. Frequency display recall pushbutton. AM/FM stereo/mono selector with LED indicator. Locking fast-forward control. 12-1923 199.95

Feature-Packed! With Auto-Reverse and Fader for 4-Speaker Systems

BOTH FEATURE:

- Locking Fast-Forward/Rewind to Help Find Selections
- Auto-Reverse Plays the Other Side of Tapes Automatically
- Pushbutton EQ Selector for Metal-CrO₂ or Standard Tapes
- Stereo/Mono Control for Better FM in Weak-Signal Areas

Fifteen watts per channel give you sensational sound. Separate bass and treble controls. Dolby* B noise reduction system for hiss-free sound and wider dynamic range on Dolby tapes. Pushbutton autosearch music system restarts a selection or takes you to the beginning of the next selection automatically. Automatic tape eject when ignition key is turned off. Tape direction-change control, LED direction indicators. 12-1913

*TM Dolby Laboratories Licensing Corp.

21995

Low As \$25 Per Month on Bencharge

229⁹⁵

Month on Bencharge



These Low-Priced High-Power Models Have the Most-Wanted Features



BOTH FEATURE:

- 24 Watt Amplifier Separate Bass and Treble Controls
- Stereo/Mono Control for Better FM in Weak-Signal Areas
- Loudness Control for Full Fidelity at Low Volume Levels

Auto-reverse plays the other side of your tapes automatically. Twelve watts per channel give you audio quality that rivals many home stereos. And you get separate locking fast-forward and rewind controls for fast and easy access to desired tape selections. Separate bass and treble controls for more flexibility than a single tone control. LED indicators for tape direction and FM stereo. 12-1917 169.95

AM/FM STEREO CASSETTES-4 BIG VALUES



Bencharge Revolving Credit* See Page 3

Easy-to-Afford Autosound That's Easy to Install in Almost Any Vehicle

BOTH FEATURE:

- Complete Mounting Hardware, Easy-to-Follow Instructions and Plenty of Speaker Cable
- Stereo/Mono Control for Better FM Reception In Weak-Signal Areas



Quality Sound and In-Dash Security at a Price Anyone Can Afford



BIEFEO DION

O STEREO

REALISTIC

NEW '86

9995

Available Dec., 1985

8995

BOTH FEATURE

- Auto-Stop at End-of-Tape to Protect Your Tapes and The Player's Mechanism
- Pushbutton FM Stereo/Mono Control for Best Possible Reception in Weak-Signal Areas

HANDY INSTALLATION INFORMATION FOR REALISTIC® IN-DASH AUTOSOUND EQUIPMENT

Cat.		H×W×D)	Nose piece Size (H×W×D)		Shaft Spacing (Adjustable)		
No.	Туре	Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
12-1880 / 12-1906 / 12-1907 12-1909 /	DIN-C Mini/Univ.* Mini DIN-C	13/4 × 73/32 × 49/16 13/4 × 61/4 × 45/6 13/4 × 61/4 × 41/2 13/4 × 73/32 × 6	44×180×116 44×160×120 44×159×114 44×180×150	111/16×49/16×13/16 12/3×33/4×13/6 111/16×33/5×11/16 111/16×43/16×13/4	43×116×30 41.5×93×35 39×90×27 42.5×106×40	51/s to 65/1s 5 to 512/1s 47/s to 51/s 51/s to 61/4	130 to 160 125 to 148 124 to 130 130 to 158
12-1911 // 12-1912 // 12-1913 // 12-1914 //	DIN-C DIN-C DIN-C	13/4 × 73/32 × 55/16 13/4 × 71/16 × 55/16 13/4 × 73/32 × 51/8 13/4 × 73/32 × 55/16	44×180×135 44×178×135 44×180×130 44×180×135	121/32 × 41/8 × 13/8 121/32 × 41/8 × 27/32 13/4 × 41/8 × 13/8 111/16 × 43/16 × 115/32	42×105×35 42×105×21 44×105×35 42.5×106×37	51/s to 65/16 51/s to 513/16 51/s to 513/16 51/s to 61/4	130 to 160 130 to 148 130 to 148 130 to 158
12-1915/ 12-1916/ 12-1917/ 12-1918	DIN-C DIN-C DIN-C DIN-E (FF)	1 ³ / ₄ × 7 ³ / ₃₂ × 5 ¹ / ₈ 1 ³ / ₄ × 7 ³ / ₃₂ × 5 ¹ / ₂ 1 ³ / ₄ × 7 ³ / ₃₂ × 5 ⁵ / ₁₆ 1 ³ / ₃₂ × 7 ¹ / ₁₆ × 5 ⁵ / ₁₆	44×180×130 44×180×140 44×180×135 50×178×135	111/16 × 43/16 × 115/32 121/32 × 41/6 × 13/6 13/4 × 41/6 × 13/6 (no nose piece)	42.5×106×37 42×105×35 44×105×35	51/s to 61/4 51/s to 513/16 51/s to 513/16 (no shafts)	130 to 158 130 to 148 130 to 148
12-1919/ 12-1920/ 12-1922 12-1923/	Mini/Univ.* DIN-C DIN-E (FF) DIN-C	131/32 × 61/4 × 45/6 131/32 × 73/32 × 523/32 11/16 × 73/32 × 415/16 131/32 × 71/16 × 51/8	50×160×120 50×180×145 52×180×125 50×178×130	121/32 × 41/s × 12/s 111/16 × 42/16 × 115/32 (no nose piece) 121/32 × 71/16 × 15/16	42×105×35 42.5×106×37 42×178×23.5	51/s to 519/18 51/s to 61/4 (no shafts) 51/s to 519/18	130 to 148 130 to 158 — 130 to 148

(DIN:C) size fits in dash of most European and many larger Japanese cars, many domestic mid-size cars. (DIN:E) is "flat-face" design for many late-model European and Honda cars. (MINIT) fits smallest Japanese cars, most domestic compacts and subcompacts. (D) Includes Ford/GM rubber gasket for nosepiece. (Fits standard and import-size cars. GENERAL INFORMATION: All players include plenty of speaker cable, plug-in wiring harness with inline fuse and switched power lead for accessories, mounting hardware, illustrated instructions, trim plates and nosepieces. For 12 VDC negative ground only. CAUTION: High-power players require 4-wire ungrounded speaker wiring. NOTE: 65/16" (160 mm) shaft spacing is standard for most domestic trucks.

HIGH-POWER IN-DASH AM/FM STEREO CASSETTES

Exciting Value! 24 Watts, Digital-Electronic Tuning and New AM Stereo!



Available Dec. 15, 1985

■ LCD Frequency/Time Display ■ Memory Presets for 5 AM and 5 FM Stations ■ Separate Bass and Treble Controls ■ Locking Fast-Forward ■ Auto-Stop

Low As \$25 Per Month on Bencharge FM stereo and AM stereo! Now you have a wider

choice of radio programming in stereo. And, if you live or drive where FM stereo reception is poor, AM's longer range means you can still enjoy the extra depth and realism of true stereo sound.

Your autosound dollar buys more at Radio Shack and here's one example. You get plenty of power, beautiful styling and the new Motorola C-Quam AM stereo system at this affordable price. Twelve-watt per channel amplifier with separate bass and treble controls gives you quality sound at all volume levels. Quartz-locked tuner provides convenient memory, seek and manual tuning modes. FM signal enhancer IC automatically adjusts signal from stereo to mono and reduces noise on weak stations. Frequency display recall pushbutton. AM/FM stereo/mono selector with LED indicator. Locking fast-forward control. 12-1923 199.95

Feature-Packed! With Auto-Reverse and Fader for 4-Speaker Systems

BOTH FEATURE:

- Locking Fast-Forward/Rewind to Help Find Selections
- Auto-Reverse Plays the Other Side of Tapes Automatically
- Pushbutton EQ Selector for Metal-CrO, or Standard Tapes
- Stereo/Mono Control for Better FM in Weak-Signal Areas

Twelve watts per channel plus a built-in five-band equalizer to customize your sound-even fine-tune your speakers. Slide-action controls boost or cut response up to 10 dB in bands centered at 60, 250, 1000, 3500, and 10,000 Hz. Convenient automatic tape release when ignition key is turned off. LEDs indicate tape direction. Reversible

Fifteen watts per channel give you sensational sound. Separate bass and treble controls. Dolby* B noise reduction system for hiss-free sound and wider dynamic range on Dolby tapes. Pushbutton autosearch music system restarts a selection or takes you to the beginning of the next selection automatically. Automatic tape eject when ignition key is turned off. Tape direction-change control, LED direction indicators. 12-1913

*TM Dolby Laboratories Licensing Corp.

Low As \$25 Per Month on Bencharge

Low As \$25 Per Month on Bencharge



These Low-Priced High-Power Models Have the Most-Wanted Features



BOTH FEATURE:

- 24 Watt Amplifier Separate Bass and Treble Controls
- Stereo/Mono Control for Better FM in Weak-Signal Areas
- Loudness Control for Full Fidelity at Low Volume Levels

Auto-reverse plays the other side of your tapes automatically. Twelve watts per channel give you audio quality that rivals many home stereos. And you get separate locking fast-forward and rewind controls for fast and easy access to desired tape selections. Separate bass and treble controls for more flexibility than a single tone control. LED indicators for tape direction and FM stereo. 12-1917 169.95

Twelve watts per channel and performance you would not expect to find at this price. Dolby B NR reduces hiss and expands the dynamic range on Dolby cassettes. Auto-stop at end of tape in the play mode helps prevent damage to tapes. Metal-CrO standard tape selector gives you proper equalization for all types of cassettes. Locking fast-forward makes it easier and safer to find cassette selections while you drive. LED FM stereo and tape indicators. 12-1911 139.95

AM/FM STEREO CASSETTES-4 BIG VALUES



Bencharge Revolving Credit* See Page 3

Easy-to-Afford Autosound That's Easy to Install in Almost Any Vehicle

BOTH FEATURE:

- Complete Mounting Hardware, Easy-to-Follow Instructions and Plenty of Speaker Cable
- Stereo/Mono Control for Better FM Reception In Weak-Signal Areas



Quality Sound and In-Dash Security at a Price Anyone Can Afford



REALISTIC

AM C

NEW '86

9995

Available Dec., 1985

8995

BOTH FEATURE

- Auto-Stop at End-of-Tape to Protect Your Tapes and The Player's Mechanism
- Pushbutton FM Stereo/Mono Control for Best Possible Reception in Weak-Signal Areas

New "flat-face" design fits dash of many late-model European and Honda cars without modification. And with 24 watts, this is our lowest-ever price for high-power autosound. Check these "extra" features. Fader control for 4-speaker systems. Separate slide-action bass, treble, balance and volume controls. Locking fast-forward/manual eject control. LED FM stereo indicator. 12-1922 99.95

HANDY INSTALLATION INFORMATION FOR REALISTIC® IN-DASH AUTOSOUND EQUIPMENT

	Chassis Body Size (H×W×D)		Nose piece Siz	Nose piece Size (H×W×D)		g (Adjustable)	
No.	Туре	Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
12-1880 / 12-1906 / 12-1907 12-1909 /	DIN-C Mini/Univ.* Mini DIN-C	13/4 × 73/32 × 49/16 13/4 × 61/4 × 45/8 13/4 × 61/4 × 41/2 13/4 × 73/32 × 6	44×180×116 44×160×120 44×159×114 44×180×150	111/16×49/16×13/16 12/3×33/4×13/8 111/16×33/5×11/16 111/16×43/16×13/4	43×116×30 41.5×93×35 39×90×27 42.5×106×40	51/s to 65/16 5 to 513/16 47/s to 51/s 51/s to 61/4	130 to 160 125 to 148 124 to 130 130 to 158
12-1911 / 12-1912 / 12-1913 / 12-1914 /	DIN-C DIN-C DIN-C	13/4 × 73/32 × 55/16 13/4 × 71/16 × 55/16 13/4 × 73/32 × 51/8 13/4 × 73/32 × 55/16	44×180×135 44×178×135 44×180×130 44×180×135	121/32 × 41/8 × 13/8 121/32 × 41/8 × 27/32 13/4 × 41/8 × 13/8 111/16 × 43/16 × 115/32	42×105×35 42×105×21 44×105×35 42.5×106×37	51/a to 65/16 51/a to 513/16 51/a to 513/16 51/a to 61/4	130 to 160 130 to 148 130 to 148 130 to 158
12-1915 / 12-1916 / 12-1917 / 12-1918	DIN-C DIN-C DIN-C DIN-E (FF)	1 ³ / ₄ × 7 ³ / ₃ × 5 ¹ / ₈ 1 ³ / ₄ × 7 ³ / ₃ × 5 ¹ / ₂ 1 ³ / ₄ × 7 ³ / ₅ × 5 ⁵ / ₁₆ 1 ³ 1/ ₃ × 7 ¹ / ₁₆ × 5 ⁵ / ₁₆	44×180×130 44×180×140 44×180×135 50×178×135	111/1e x 43/1e x 115/32 121/32 x 41/a x 13/a 13/4 x 41/a x 13/a (no nose piece)	42.5×106×37 42×105×35 44×105×35	51/a to 61/4 51/a to 513/14 51/a to 513/15 (no shafts)	130 to 158 130 to 148 130 to 148
12-1919 / 12-1920 / 12-1922 12-1923 /	Mini/Univ.* DIN-C DIN-E (FF) DIN-C	131/32 × 61/4 × 45/8 131/32 × 73/32 × 523/32 11/16 × 73/32 × 415/16 131/32 × 71/16 × 51/8	50×160×120 50×180×145 52×180×125 50×178×130	121/32 × 41/8 × 13/8 111/18 × 43/18 × 115/32 (no nose plece) 121/32 × 71/16 × 15/18	42×105×35 42.5×106×37 	51/a to 513/1a 51/a to 61/4 (no shafts) 51/a to 513/1a	130 to 148 130 to 158 130 to 148

(DTN:C) size fits in dash of most European and many larger Japanese cars, many domestic mid-size cars. (DTN:E) is "flat-face" design for many late-model European and Honda cars. (MTNT) fits smallest Japanese cars, most domestic compacts and subcompacts. (DIN:E) in lateral later

UNDER-DASH CASSETTES, ADAPTERS AND AM/FM

With Dolby B NR, Auto-Reverse



14995

*Low as \$25 Per Month on Bencharge

†TM, Dolby Laboratories Licensing Co.p.

■ 24 Watts Total Output Power

- Auto-Search System Helps You Find Tape Selections
- Metal-Chrome/Standard Tape Selector

Twelve watts per channell Our best under-dash stereo cassette gives you three times the power of most players for richer bass and cleaner treble at all volume levels. Dolby B dramatically reduces tape hiss and extends dynamic range on Dolby cassettes. Auto-reverse plays both sides of your tapes automatically. The auto-search, locking fast-forward and rewind, and direction-change controls help you find selections quickly and safely while you drive. Also features separate slide-action bass and treble controls, a ½" headphone jack, LED indicators for tape direction and Dolby. 2 x 5½ x 6½". 12-1982.

With Auto-Reverse & Auto-Search

NEW '86

119⁹⁵

Easy to Operate While You Drive



This extra-feature stereo cassette has auto-search that advances your tape to the next selection, or replays a selection with the touch of a button. Auto-reverse plays the other side of tapes automatically. Locking fast-forward and rewind controls for safer operation while you drive, LED tape-direction indicators. $1\% \times 55/_8 \times 57/_8$ ". 8 watts total output. 12-1979 119.95

Our Smallest and Lowest Priced

59⁹⁵

Very Compact

—Fits Inside
Glove Box or
Under Front Seat



Compact FM Converter



29⁹⁵

Very Easy to Install

Adds FM to your present AM car radio. Simple plug-in installation. Uses existing antenna and does not affect AM reception. Only 13/18 x 4 x 51/4". 12-1350.....29.95

Cassette Adapter for 8-Track Decks



■ No Rewiring

m Auto-Stop

AM/FM Radio for In or Under-Dash



59⁹⁵

- Ideal for Truckers
- Built-in Speaker

Mounts in or under dash and works in 12 VDC negative or positive ground vehicles. FM local/DX and hi/lo tone switches, lighted dial, lack for an optional external speaker. 17/8 x 65/8 x 47/8". 12-135359.95

Easy-to-Install FM Signal Booster

2995

Great for Truckers And Travellers



NOTE: All Realistic® car stereo cassette players include plenty of speaker cable, mounting hardware, plug-in wiring harness with fuse, and illustrated instructions. All for 12 VDC negative ground only, unless stated otherwise.

AUTOSOUND BOOSTERS AND EQUALIZERS



Revolving Credit

Equalizer/Booster With LED Graphic Display 17-Band, Line-Level Equalizer



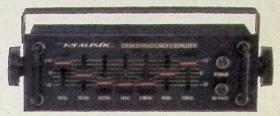
Separate Up and Down Pushbuttons for Each Band Let

You Boost or Cut Response in Precise 2 dB Steps

Per Month on Bencharge

80 Watts! 7 Bandsl 84-I FD Display

More versatile than ordinary equalizers! You can "tap up" and "tap down" the response in each band and see your adjustments change on the 84-LED display. 40 watts per channel dramatically improves your existing autosound system. Boosts or cuts response up to 12 dB in bands centered at 60, 150, 400, 1000, 2400, 6000 and 12,000 Hz. Fader control for 4-speaker systems.



- For Use With Our #12-1918 And #12-1920 on Page 58
- # 12 dB Boost and Cut Range
- m Phono-Type In/Out Jacks

Available Oct. 30, 1985

Adds precise control to any autosound equipment having line-level input/output. Also compatible with most highpower autosound amplifiers. Band centers: 50, 150, 400, 1000, 2400, 6000 and 12,000 Hz. Slide-action boost/cut

40-Watt Stereo Frequency Equalizers and Boosters

Improve your present system. An equalizer lets you boost or cut frequency response up to 12 dB in separate bands. You can electronically match your equipment to your car's acous-tics. All models give you a "clean" boost that expands dy-namic range. Only 1% total harmonic distortion at 30 watty

(1) 40-Watt Stereo Power Booster

This tiny, yet very powerful booster fitteesily under any dash. Gives you a big

(2) Five-Band Equalizer/Booster

Our lowest priced equalizer/booster combo. Ideal for two speaker systems. Band centers: 60, 250, 1000, 3500 and 12,000 Hz. LED "on" indicator. 2× 5¼ x 6". 12-186849.95

(3) Five Bands, Fader, LED Meter

Equalizer/booster with a thin-line design for easy installation in small vehicles. Band centers: 60, 250, 1000, 3500 and 12,000 Hz. Five-level LED power meter. fader control for 4-speaker systems. 13/16 x 57/6 x 4%". 12-1865 79.95

(4) Seven Bands, Fader, LED Meter

FW 86

Equalizer/booster featuring backlighted slide-action controls. Has standard high-level inputs plus line-level inputs for use with separate autosound components. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Dual 10-segment LED power meter, LED "on" indicator, fader for 4-speaker systems.



VALUES IN AUTO SPEAKERS AND ACCESSORIES



Minimus-7's Little Brother

15 Watts Power Capacity



Minimus@-3.5. Ideal for wide-range stereo in small cars. Extraordinary 31/2" speaker. High-

Mounting Bracket, 40-1997 14,95 pr.

Die-Cast Metal Minimus-7 **40 Watts Capacity** Mounting Bracket 1995 Pair

Two-way system with 4" woofer and 1" tweeter. 71/16 × 47/16 × 45/16".

Black. 40-2030. Silver, 40-2034 69.95 Mounting Bracket. 40-2031..... 19.95 pr.

Car Piezo Super-Tweeter



- = Built-In **Volume Control**
- Mounts on Dash or Visor

25 Watts Power Capacity

Dramatically extends high-frequency response of existing speakers. No crossover required.

Add dynamite sound to your car or home stereo with extension speakers and speaker accessories from Radio Shack

4×10" Speaker



Speaker has dual cone. 30 watts power handling for unri-valed car stereo sound.

6×9" Speaker



30 watt speaker with whizzer cone, features 10 oz. magnet for efficiency. 40-1265 16.95

5×7" Speaker



Great replacement speaker with 3-ounce ceramic magnet. Dual-cone design. 4/8/16 ohms. 40-126112.95

4×6" Speaker



995 Fach

Wide-range sound, 5.3-ounce ceramic magnet. Handles up to 10 watts.

31/2" Speakers



Cat. N

40-132

40-133

Low As 595 Each Mini in-dash

1				
0.	Magnet	Watts	Each	
25	5.0 oz	20	7.95	
33	2.8 oz	4	5.95	

Dynamic 4"Speakers



Ideal for tight spots.

Cat. No.	Magnet	Watts	Each
40-1197	6.80 oz	10	14.95

5" Speakers



Low As 995 Each

Cat. No.	Magnet	Watts	Each
40-1284	9.8 oz	20	13.95
40-1909	5.3 oz	10	9.95

51/4" Speakers



Low As 95 Each

Ideal for doors or back panels.

Cat. No.	Magnet	Watts	Each
40-1354	10.0 oz	40	15.95
40-1241	5.3 oz	8	9.95

6×9" Steel Grille



Each

For mounting 6×9" speakers in car. Jet black finish. With hardware, template. 40-1175 ... 3.95

Wire-Mesh Grilles





(1) 51/4". High-temperature molded frame. Dust cover, mounting hardware. 40-1336....5.49 (2) 6 x 9", 40-1335A......6.95

Molded Grilles





Fig.	Description	Cat. No.	Each
3	4" or 5" Door	40-1291	2.95
4	6×9" Rear Deck	40-1337	4.95

Selector/Fader



Lets you switch between tape and radio and control front/rear stereo balance. 270-046.....7.99

Stereo

Faders Low As 699

High-Power-40 Watts, For easy front-to-rear speaker balancing. 270-048 Standard—5 Watts. 270-047

Headset Controller



Two 1/8" Jacks for lightweight headphones. Volume control, speaker cut-off switch.

270-049 ...

Selector Switch

799



Switch between tape and radio using the same pair of speakers. With mounting hardware and instructions. 270-045.....3.99

All Speakers and Accessories on This Page, if Applicable, Are 8 Ohms

MATCHED CAR STEREO SPEAKER PAIRS



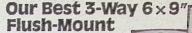
Bencharge Revolving Credit* See Page 3



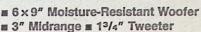
3-Way 51/4" Flush-Mount Speaker Systems

80 Watts Capacity Per Pair

This deluxe hi-fi speaker system really makes high-power autosound equipment come alive! Boasts individually mounted 51/4" woofer, 21/2" midrange and 2" tweeter, with electronic crossover. Fits standard 6 x 9" cut-out. 2% x 9% x 6%", 12-185489.95

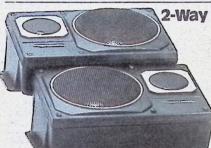


Low as \$25 Per Month on Bencharge



Deliver full-range sound to 18,000 Hz. Powerful 20-oz. magnets for great bass response. Mesh grilles. No retainer rings required. 12-1857 129.95





2-Way 51/4" Surface-Mount

60 Watts Capacity Per Pair

These easy-to-install speakers feature individually mounted 51/4" woofer and 2" tweeter, electronic crossover network. Open mesh grilles. molded housings. 3x 9½ x 6¼". 12-1853 ... 79.95

3-Way 51/4" Flush-Mount

60 Watts Capacity Per Pair

High-powered hi-fi sound. Big 51/4" air-suspension woofer and 20-oz. magnet produce exceptionally clean bass. 1" voice coil, 2" mid-range, 1" horn tweeter, with electronic crossover network. No retainer rings required.



Snap-On Grilles



Small 2-Way Surface-Mount



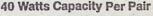
30 Watts Capacity Per Pair

Compact speakers with remarkable wide-range sound. Individually mounted 3" woofer and 2" tweeter. Wedge-shaped enclosures mount almost anywhere. Open-mesh grilles. 3¼ X 5¼ x 4¼". 12-170139.95

Space-Saving 51/4" Flush-Mount

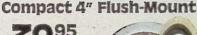






- m Moisture Shields Included
- No Retainer Rings Needed

Only 11/4" deep but they deliver big sound. Fit in door panels or anywhere space is limited. One-piece design, metal grilles. 12-1703 39.95



40 Watts Capacity

Per Pair Perfect for im-

ports. Dual-cone design, 6.5-oz. magnets. No retainer rings required. 12-1858 . . . 39.95





Budget 51/4" Surface-Mount

20 Watts Capacity Per Pair

Wide-response dual-cone speakers, 41/4-oz. magnets, mounted in durable molded housings. Easy installation. 12-1844 24.95



51/4" Flush-Mount

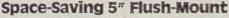
20 Watts Capacity Per Pair



Compact 3" Surface-Mount

20 Watts Capacity Per Pair

An economical way to add fine sound to any carl Small size fits most subcompacts. Wide-range speakers in durable molded housings. Heavyduty ceramic magnets. 12-185214.95



20 Watts Capacity Per Pair





Speakers on This Page Are 8 Ohms, Rated in Program Power Per Pair-include Mounting Hardware and Instructions

CONVENIENT AUTOSOUND INSTALLATION AIDS

Radio Noise Suppressors and Filters



Low As

(1) Deluxe 10-Amp Filter. Two L-C sections cut ignition/alternator noise in CB and Ham radios and stereos. Also use with high-power boosters and equalizers.
270-051
Deluxe 5-Amp. 270-050
(2) Resistive Filter. Cuts spark plug noise that interferes with radio reception. Installs in distributor. 270-012
(3) Heavy-Duty Noise Eliminator Kit. Everything you need to reduce radio interference. Includes filter choke, capacitor and instructions. 270-030 5.99
(4) Feedthrough Filter Capacitor. Installs inline. Especially useful against stubborn noise problems caused by wipers, fan motors and DC generators. Rated 0.5 μF, 40 amps, 60WVDC. 272-1085

Replacement Knobs, Mounting Brackets



Radio Shack Helps You Do It Right

That of the Foundation of the Foundation
Knobs. Two inner and two outer knobs fit both "D" and split control shafts.
(5) Import. European-style with black finish. 274-425 Set of 2/2.89
(6) Low-Profile. Add a sporty look. Chromed finish. 274-427 Set of 2/4.79
(7) Universal Bracket Set. Three different sets to fit most autosound units. With bac support/ground strap, hardware. Black. 270-023
(8) Under-Dash Slide-Bracket. Two-piece slide-on/off mount, with built-in electrica connectors. 18-gauge steel. 270-016
(9) Universal L-Brackets. Fit most vehicles/equipment.270-022 Pair/3.69
(10) Trim Gasket. For many late-model GM and Ford cars. 270-036 1.99

DC Auto Adapters and Power Cords



(11) 6-9-12V Hi-Power Adapter. Fused, 4-plug. Reversible polarity.
270-1562 17.95
(12) Heavy-Duty Power Cord. Pos. tip, neg. sleeve. 270-1534
(13) Universal DC Adapter. With Six Adaptaplugs*. Reduces 12V to 3/4.5/6/7.5/9

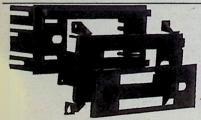
Auto Electrical System Accessories



(14) 6-12V Tester Light. Finds hot wires quickly and easily. Also indicates spent fuses and lamps. Ground clip, 311/2" detachable lead, 51/2" probe. 272-203 .

(15) Headlight Alert. Beeps for ten seconds when you leave lights on. LED flashes until lights are turned off. Installs easily in most cars. With mounting tape, screws. 270-110 8.95

(16) Auto Electrical System Analyzer. Spot problems before you get stranded! Works from inside your car. LEDs show condition of battery, alternator and regulator. Plugs into lighter socket. 12VDC neg. ground.



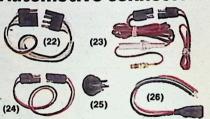
Universal In-Dash Installation Kit



■ Ford ■ Chrysler

This handy kit makes it possible for you to custom install your autosound in over 100 different vehicles! For installation in 29 different 1982-85 GM models, 47 different 1974-85 Ford and Chrysler products, plus installation of any DIN "E" size in dash of most GM, Ford or Chrysler products. With necessary

Automotive Connectors



Autosound Stereo Cable Sets



Simplifies installation of Radio Shack car stereo radios and cassette decks in your GM or Ford vehicle. Color-coded 5-pin plug and quick-disconnect cables match manufacturer's original wiring harness. You don't have to worry about making the wrong connections.

(17) GM Harness, 270-753 (18) Ford Harness, 270-754



(19) Cable Assembly. Five-pin Radio Shack standard plug, with power leads, four 18-ft. color-coded speaker leads.

(20) Universal. Adjustable, fits 4 or 5-pin socket patterns. Color-coded leads. Fused. 270-017 2.99 (21) Standard. Five-pin fused plug. Fits Radio Shack car

(22) 4-Conductor Quick-Disconnect Cable. Ideal for connecting trailer lights and accessories. 12" loop of wire. Color coded.

(23) 4-Ft. Polarized, Fused DC Power Cable. For autosound, CB, scanners. 270-025 . . 2.99

(24) 2-Conductor Quick-Disconnect Cable. Heavy-duty polarized contacts. 12" loop of wire with one male, one female connector. Color coded. 270-0261.39

(25) 5-Pin Speaker/Power Plugs. Fit Realistic® and many other brands of autosound equipment and accessories. 274-1210 . . . Pkg. of 2/1.29

(26) 5-Pin Inline Socket With Leads. Mates with figure (27) and many other speaker har-

stereo radios and tape decks. 270-041 2.69 Radio Shack Gift Certificates Are Great for Any Occasion—See Page 3

ANTENNAS AND ACCESSORIES FOR YOUR CAR

(i) (2) (3) (4) (5) (6) (7) (8)

AM/FM/FM Stereo Antenna Values

We Have the Antenna You Need

- (3) Stainless Steel Spring. Swivel ball mount for top cowl or fender. Three-section whip extends from 25% to 55". Adjusts to 90° . 48" cable. 12-1307 14.99
- (5) Universal Pillar Mount. Three-section whip, 191/2 to 51". Cable, 61". Mounting hole spacing: 21/2" to 18". Fits most Japanese cars except Honda. 12-1320 9.99
- (7) One-Piece Mini. For cars with narrow fenders. Requires ¹³/₁₆" mounting hole. 31" stainless steel whip. 54" lead-in cable. 12-13229.99





Extension Cables and Connectors for Antennas

(9) 12-Ft. Inline Extension. Motorola-type plug on one end, jack on the other. 12-1311...6.99 (10) 24" Male-to-Female Inline Extension. 12-13121.99

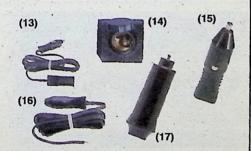
"Rubber Ducky" AM/FM Antenna

999

- Bends But Doesn't Break
- Vandal-Proof

Get the signal-pulling power of full-length antennas in a stell-length antennas in a stell-length antennas in a stell-length antennas design. Mounts on roof, hood or fender. So flexible it won't break even in drive through car washes. With cable. 12-83019.99

Cigarette Lighter Plugs, Cords and 12VDC Outlets



- (14) Accessory Outlet. For 12VDC equipment. Mounts in or under dash. 270-1539 7.99
- (15) Lighter Plug. Connect accessories easily! Fits standard lighter socket. 274-331 1.99
- (17) Heavy-Duty Fused Lighter Plug. Requires 3AG fuse up to 7 amps. Solder type. 274-335 2.79



Automotive Lighting Relay

Ideal for Controlling High-Power Lighting

Also switches Ham radio mobile power supplies and high-current accessories. SPST rated 30 amps at 12VDC. 12VDC coil. Mounting bracket. 275-225. 8.95

SPST Panel Switches, Brackets



With Mounting Hardware

(18) Dual Switch and Light Panel. Rated 10 amps at 12VDC. Two 12V long-life lamps. 275-707 6.99 (19) Lighted Rocker Switch Panel. Rated 20 amps at 12VDC. Quick-disconnect Terminals. 275-704 . . 4.99 (20) Single Switch and Light Panel. 5-amp switch with 12VDC lamp assembly and red lens. 275-703 . . 4.99 (21) Dual Switch Panel. Two toggle switches rated 5 amps at 12VDC. 275-702 3.99 (22) On/Off Switch Label Plates. For toggles with 15/32" dia. bushings, key slot. 275-320 . . Pkg. 6/1.49

There's a Radio Shack Near You - Wherever You Are



WITH REALISTIC® CB YOU'LL NEVER DRIVE ALONE



Budget-Priced Compact With LED Meter

9995

Easily Fits Under Most Dashes

Realistic TRC-415. Small size and price, yet has ceramic filters for superior selectivity, an easy-to-read LED channel display, 4-step LED signal/RF power meter, automatic noise limiter, jack on rear panel for optional external speaker. 2 x 49/₁₆ x 6½". Negative ground only. 21-1509. 99.95



Ultra-Compact With Extra Features

NEW 286

13995

95 Jack for Optional PA Speaker

Realistic TRC-417. Only 13/8 × 51/2 × 71/4", perfect for small vehicles. LED indicators for power "on" and modulation, large LED channel display, switchable automatic noise limiter, 5-step LED signal/RF power meter. Rearpanel has jacks for optional external and PA speakers. 21-1510...139.95



nstant Selection of Channels 9 and 19

w/86(

15995

*Low as \$25 Per Monitor CB
Month on Bencharge While Using PA

Realistic TRC-418. Real convenience! You can go to channel 9 or 19 and return to your previous channel with the filp of a switch. Large LED display, 5-step LED signal/RF power meter, LED "on" and modulation indicators. Switchable automatic noise limiter helps reduce ignition "hash". Jacks for optional public address and external speakers. 19/4 x 51/2 x 73/4".



Channel 9 Priority Switch, Tone Control

19995

*Low as \$25 Per Month on Bencharge RF Gain Control Helps Prevent Overloading

Complete "Road Emergency" CB System





Call for Help Within The Safety of Your Car

9995 Nothing Else To Buy!

Realistic TRC-412. Incredibly easy to use. Place the magnet-base antenna on roof of car, plug CB into cigarette lighter, select the desired channel and talk. The entire system, including antenna, fits in the included vinyl travel case that will store under seat or in trunk. 33/4×123/4×77/1e". Negative ground only. 21-1506.....99,95



AM/SSB CB for More Range and Channels

NEW 786

299⁹⁵

Provides 40 AM Channels Plus 80 SSB Channels

*Low as \$25 Per Month on Bencharge

Mobile CBs Include Mounting Bracket and Hardware. For 12 VDC Negative or Positive Ground Unless Stated Otherwise

TOP-PERFORMING MOBILE CB ANTENNAS



Bencharge Revolving Credit* See Page 3

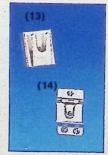


- (1) Deluxe Magnet-Mount. No holes to drill. It mounts on any flat magnet-holding surface and remains in place at highway speeds. Low-loss coil form, 54" whip. includes 16-foot cable and PL-259 connector.
- (3) CB/AM/FM "Disgutse" Antenna. Mounts in a standard car radio antenna hole. Tapered 32" stainless steel whip. Includes 81/2-foot cable, splitter, connectors for CB and car radio, mounting hardware. 21-990......55.95
- (4) No-Hole Trunk-Mount. For the center or either side of trunk lid. Secures with two set screws. Base loading coil, stainless steel shock spring. Approximately 46" overall. With 16-foot cable, connector.

- (5) "Shorty" Roof-Mount. Easy snap-in mounting. Features center-loading coil, stainless steel whip and shock spring. Approx. 21 1/2" overall. With 16-foot cable and connector. 21-90639.95
- (6) Stainless Steel Roof-Mount. Easy snap-in installation. Base loaded design. Whip adjusts for best SWR. Approx. 25" overall. Includes 16-foot cable and con-
- (7) Stainless Steel Hatchback-Mount, Universal whip remaining vertical. No holes to drill. Center-loaded design. Approx. 251/2" overall. With 16-foot ca-
- (8) 102" Fiberglass Marine Whip. "Lay down" feature for horizontal or vertical mounting. Works on metallic or non-metallic surfaces. Ideal for fiberglass or wooden boats-no ground plane needed. Includes 16-foot ca-

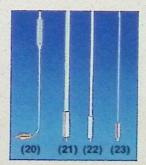
- (9) Single Truckers-II Antenna. Heavy-duty mirror-
- (10) NEW! Single Truckers II Fiberglass Antenna. Single-whip version of 21-945, below. With 10-foot cable, connector. 21-939......39.95
- (11) Fiberglass Twin Truckers. Dual 48" whips resist corrosion and provide improved front/rear perfor-
- (12) Gutter-Clamp Antenna. Easy to mount in car roof rain gutter, and simple to transfer from car to car. Center-loaded. Stainless steel spring and whip. Approx. 37" overall. 10-foot cable. 21-909.....36.95

Come to Radio Shack for the Quality CB Accessories You Need













- (13) Magnetic Mike Holder. Holds securely to any magnetholding surface, 21-11301.99 (14) Mike Clip. Mounts with included screws or Insta-mount adhesive. 21-9232.19
- (16) 12 VDC Replacement Power Cord. 48" long with 3-pin plug and Inline fuse holder. Requires 2-amp fuse. 21-5504.99
- (17) Dynamic Mike. Features shielded coiled cord and DIN-type plug. 21-117219.95
- (18) Noise-Cancelling Mike With Preamp. Cuts noise and assures 100% modulation. Requires 7-volt battery. (Operates as a dynamic mike without battery). 21-117532.95

- (23) Stainless Steel Whip Replacement, With adapter. Replaces Radio Shack 21-904, 21-908, 21-940, 21-962 8,95

- (26) Antenna Feedthrough, Accepts whips or coils with standard 3/a*-diameter thread. Solderless crimp connectors for coaxial cable. Fits mounting plates up to V₀* thick, 21-966...........5.96
- (27) Antenna Hold-Down Clip. Clips to car roof rain gutter.
- Radio Shack—Famous for Personal Service and Quality Electronics Since 1921



HEADSET WALKIE-TALKIES

119⁹⁵

Was \$129.95 in 1985 Catalogue

NEW LOW PRICE! ■ Hands-Free Communications Up to 1/2 Mile Outdoors, 1/4 Mile Indoors
 ■ Adjustable Headset, With Boom Mike,

Covers Just One Ear for Safety

FM Operation for Clear Sound

Reliable Communication
At Work or for Fun





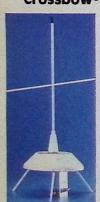
Super-Value 40-Channel CB Mobile/Base Station

19995

*Low As \$25 Per Month on Bencharge NEW'86

- Dual-Power—Use at Home or on the Road
- Priority Switch Instantly Accesses Emergency Channels 9 and 19
- Call for Help or Directions Without Getting Out of Your Car

Crossbow® 1/4: Wave Antenna



8495

Omnidirectional for Superb Performance On All 40 Channels

Fiberglass construction with insulmatic connector. 104" vertical radiator, three 48" loaded radials. For masts up to 15/8" dia. Accepts PL-259 connector. 21-968 ... 84.95

Crossbow 1/2-Wave Antenna

11995

- Omnidirectional
- m 3 dB Gain Over

Fiberglass construction with insulmatic connector. 16-foot radiator. For masts up to 15/8" dia. Accepts PL-259 connector. 21-967119.95

USE EXTREME CAUTION when installing or removing base station antennas. Confact with power lines by the antenna or any portion of the antenna mounting assembly can be lethal.



Field-Strength/SWR Meter



2995

Portable FS meter also reads forward/ reflected SWR to 1kW. 2-30 MHz. 21-525 29.95

Base/Mobile Coax Assemblies

All cable is 52-ohm. Assemblies include PL-259 connectors on each end, except #278-966.

Feet	Туре	Cat. No.	Each
2	RG58/U	278-968	6.99
20	*RG58/U	278-966	8.99
50	RG8/U	278-970	34.99
50	RG58/U	278-971	13.99

*PL-259 connector to spade lugs

MULTI-USE REALISTIC WALKIE-TALKIES



Bencharge Revolving Credit* See Page 3

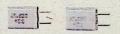


(1) Realistic TRC-87. 1 Channel. Sensitive superhet receiver, up-front speaker/mike, side-mounted volume/on-off control and push-to-talk button. Telescoping antenna. With channel 14 crystals, wrist strap. 63/8 x 3 x 1¾". Requires 9V cell. 21-1609

(2) Realistic TRC-85. 3 Channels. Battery-test button with LED indicator. Side-mounted volume/on-off control. With channel 14 crystals. Buy optional crystals for two more channels. Telescoping antenna, wrist strap. 8% x 3 x 17/8". Requires 6 "AA" cells. 21-8607.

(5) Realistic TRC-215.6 Channels, 4 watts. Ideal for camping, fishing, construction sites. Ceramic filter for increased selectivity and freedom from adjacent channel interference. Battery condition/RF meter, squelch, hi/lo power-saver switch, jacks for antenna, hand mike, battery charger, external speaker. With channel 14 crystals. Buy optional crystals for five more channels. $8 \times 3 \times 2^3/_{16}$ ". Requires 8 "AA" cells or 10 rechargeable cells or DC adapter. 21-1653 149.95

Transmit/Receive CB Crystals

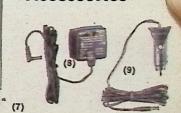


If the crystals you want aren't listed below, we can get most CB crystals (except synthesizer crystals) delivered to your local Radio Shack in just a few days. To order, just ask the store manager. No extra charge!

One transmit, one receive.

Channel	Cat. No.	Pair
5	21-1205	7.39
9	21-1202	7.39
19	21-1219	7.39
30	21-1230	7.39
35	21-1235	7.39

Walkie-Talkie Accessories



(8) Battery Charger. For 12-15V nickelcadmium cells. Use with 21-1608, 1636, 1637, 1653, 1663. 21-516.......9.95

MAKE RADIO SHACK YOUR TELEPHONE COMPANY™

Contemporary-Style Telephone

NEW 186

59⁹⁵

Available Nov. 1985

- Selectable Touch-Tone or Pulse Dialing
- Illuminated Dial

Has touch-redial of last number called, on/off bell control and index for listing 10 often-used or emergency numbers. Detachable coiled handset cord, 6-ft. modular line cord. Wall or desk mount. White, 43-527. Almond, 43-528. Brown, 43-529 ...59.95



"Customizable" Desk/Wall Phone

NEW LOW PRICE! 69⁹⁵

Was \$89.95 in 1985 Catalogue

Selectable Touch-Tone or Pulse Dialing

Radio Shack ET-190. Wood-grain inlay is supplied for use, or as a pattern for making your own custom inlay — match your paint, wallpaper, or upholstery! Has touch redial of last number called, adjustable ringer-volume, dialing indicator. With 6-ft. modular cord. 43-530..........69.95





1-Piece Personal Phone

NEW LOW PRICEI 29⁹⁵

Was \$34.95 in 1985 Catalogue

- A Perfect Extension For Bedroom, Kitchen or Den
- Pushbutton Pulse Dialing

Radio Shack ET-120 Pulse Phone. Handy one-piece design hangs up when placed face down on any flat surface, or use the handy wall bracket (sold separately below). One-button automatic redial, hi/low/off ringer-adjust and mute button. With 16-ft. modular cord. White, 43-501. Brown, 43-502 ...29.95



Desk/Wall Trim-Fone® With Illuminated Dial

NEW '86

6995

- Ideal for Extension
- Selectable Touch-Tone/ Pulse Dialing

Handy Trim-Fone features touchredial of last number called Hluminated dial means you can easily recognize the number a simple dialing in low thin serings. Hi/low ringer coust! Base can be wall or desk mounted. Includes 6-ft. modular cord. White, 43-525. Brown, 43-526. 69.95

Tone-Dialing Personal Telephone



3495

Available Oct., 1985

■ Switchable Tone/Pulse Dialing

Radio Shack ET-125 Touch-Tone/ Pulse. One-piece electronic design is compact enough to fit anywhere. Can be used on tone or pulse dialing phone lines. With 16-ft. modular cord. White, 43-509. Brown, 43-51034.95

Wall Bracket. For ET-120/125. White, 43-186. Brown, 43-187 Each 4.99



Standard Phone With Pushbutton Dial

NEW LOW PRICE!

59⁹⁵

Was \$69.95 in 1985 Catalogue

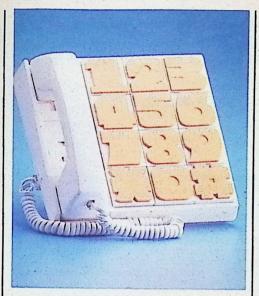
Radio Shack ET-170. Get the convenience of pushbutton operation even on rotary-dial lines with this perfect office, livingroom, or bedroom phone. Features one-button touch-redial of last number called and pleasant-sounding electronic ringer with hi/lo/off loudness switch. 7-ft. modular cord.

White, 43-364. Beige, 43-365.

Brown, 43-36659.95



WE HAVE PHONES FOR EVERY BUDGET & PURPOSE



Big-Button Telephone

79⁹⁵

Touch-Tone Or Pulse Dialing

Big buttons for the "big kid" in you. Features touch-redial, mute button (in pulse mode) for privacy and ringer-adjust. For desk or wall use. With 7-foot modular cord. 43-344 79.95



Linear Big-Button Telephone

69⁹⁵

NEW '86 (Avail. Oct., 1985

Selectable Touch-Tone Or Pulse Dialing

Features keypad with super-size buttons in 2 linear rows of five each. Has touch-redial of last number called and ringer-adjust. For desk or wall, 7-ft. modular cord. 43-345 69.95



Trim-Fone With Amplified Receiver

69⁹⁵

Selectable Touch-Tone/Pulse-Dial Available Oct. 15, 1985

A FASHION-FONE® ADDS STYLE AND CHARM TO YOUR HOME



French-Style. You get all the style and charm of Paris' "Left Bank" at a "down-home" price! "Continental-style" ringer and ornamental handset create a mood of undeniably European elegance. White with gold-color trim. Rotary-dial operation. 7-ft. modular cord. 43-326 79.95

"Cutie." Extra petite, extra pretty. Ivory colored and accented with golden trim. Rotary-dial operation. With 7-ft. modular cord. 43-324 79.95

"Bonnie 'n Clyde". Roaring 20's candlestick styling, with adjustable

SELECTABLE AND PROGRAMMABLE TOUCH-TONE/PULSE phones work on both tone and pulse lines. Therefore, in areas having only pulse (rotary-dial) lines, you can still use services requiring tones, like the new long-distance systems and computerized services. TOUCH-TONE phones give you access to the newer long-distance systems and computerized services, but do not function on pulse (rotary-dial) lines. ROTARY/PULSE-SIGNALING phones work on both rotary-dial and Touch-Tone lines but do not produce the tones needed to access the newer long-distance systems and computerized services what we sell. Touch-Tone is a registered trademark of Bell Canada.

MULTI-LINE PHONES WITH THE FEATURES YOU NEED



Unique Desk Phone Handles Two Incoming Lines and Expands For Use on Up to Five Stations

NEW '86

12995

Per Station

Avail. Oct., 1985

- **LED Line-Status Indicators**
- Switchable Touch-Tone Or Pulse Dialing Works On Any Phone Line
- Plugs Into Existing Modular Wall Jack (CA14)—No Rewiring Necessary



2-Line Home or Office Desk Phone

8995

Switchable Touch-Tone Or Pulse Dialing

Radio Shack ET-180. Enjoy the convenience of two telephone lines without the bother of having two separate phones. Answer one line, put it on hold and dial from the other, even place both lines on hold. Access keys and adjustable ringers for each line. One button touch-redial. LED ringing/hold indicators. With 7-ft. modular cord.



Mini Wall-Mount 2-Line Phone

NEW '86

7995

Switchable Touch-Tone Or Pulse Dialing

Available Oct., 1985



2-Line Wall or Desk Phone With Hold

NEW '86

8995

Switchable Touch-Tone Or Pulse Dialing

All Radio Shack Phones are DOC Certifled. Not for Coin or Party Lines

CONVENIENT MEMORY-DIALING PHONES



Bencharge Revolving Credit* See Page 3

Desk/Wall Auto-Dialing Phones With Programmable Touch-Tone/Pulse

(1) DUōFONE-145. Features accurate one-button dialing of up to 32 numbers of up to 28 digits each, and allows users on rotary-dial lines access to low-rate tone-required services. Has monitor button with volume control, auto-redial, hi/lo/off ringer-adjust. Comfortable "K"-style handset and index for listing numbers in memory. $3^{1/2} \times 7 \times 9^{5/16}$ ". Memory backup requires 4 "AA" cells. With AC adapter, 6-foot modular cord.

required services. Has monitor button for on-hook dialing and built-in two-way amplifier for "hands-free" family or conference calls. "Flash" button provides convenient use of special phone company services like Call-waiting, pause key works with phone systems requiring an access code for the outside line. Auto-redial calls the last entered number up to ten times if busy or unanswered. Amplifier has pushbutton on/off, hi/lo sensitivity and privacy control. Speaker volume control, adjustable ringer. Modular connectors for adding longer cords. 31/2×7×95/16". Memory backup requires 4 "AA" cells. With AC adapter, 6-ft. modular cord.

(2) DUōFONE-165. "All-in-one" phone stores up to 32 frequently called numbers of up to 28 digits each for instant one-button dialing. Also allows

users with rotary-dial lines access to low-rate long distance and other tone-

(1) **NEW LOW** 1985 Catalogue (2) NEW LOW Was \$179.95 in 1985 Catalogue *Low As \$25 **Per Month** on Bencharge

AFFORDABLE MULTI-LINE TELEPHONE SYSTEM

Handles Up to 4 Lines and 10 Stations! Plug-In Installation—No Special Wiring!

- You Get Important Big-System Features
- All Control Circuitry is Built Into Each Phone— No External Control Unit Required
- Automatic Battery Backup System
- For Use on Desk or Wall



System 404. Now you can buy and instantly install your own state-of-the-art multi-line telephone system in your home or office. It allows you to handle up to four separate lines simultaneously without the need or expense of an external controlling device. Perfect for use anywhere there's a high volume of phone activity. Features a Hold button for placing any or all lines on hold, four accessing line-key buttons and line-status LEDs that indicate when line is ringing, in use or on hold—for any phone on the line. Has adjustable ringer-volume and a modular jack that lets you instantly add an auto-dialer, speaker-phone or other accessory. Backup system keeps all functions operational if AC fails. Simple plug-in installation using two standard CA14C jacks. Includes bracket for wall-mounting, if desired. For Touch-Tone lines only—see page 73 for important information. AC operation (Battery backup requires 9V cell, extra). 43-451 Per Statlon 239.95



THE FIRST MOBILE / PORTABLE CELLULAR PHONE THAT YOU CAN INSTALL YOURSELF!



189900

*Low As \$53 Per Month on Bencharge

Available Dec., 1985

Mobile antenna and portable adapter pack not included



Front-Mounted Handset and Trunk-Mounted Transmitter

Take or Make Calls to Any Phone In the World From Your Car! Also Quickly Converts to Portable Use

- 30-Number Memory Dialing Last-Number Redial
- Night Illumination Easy Do-It-Yourself Installation

With Radio Shack's advanced-technology cellular telephone you get all the benefits of mobile telephoning plus the option of portable operation. It's a tremendous advance in business and personal communication at a breakthrough price. With the Radio Shack cellular phone you can dial direct to any phone in the world. And, anyone can reach you, simply by dialing your own cellular phone number. You'll enjoy noise-free FM-quality communication and instant access to the regular phone network. Radio Shack's cellular phone will increase your productivity dramatically. You can schedule appointments, prospect for new business, and serve your present customers better because you're always "in touch". The complete system combines attractive styling and features that make it remarkably easy to use. The LCD display lets you see the entire phone number before you place a call, eliminating dialing errors. With the memory feature you can reach up to 30 frequently called numbers by entering a two-digit code. You can redial the last number entered by pressing a single button. There's even a speaker monitor so you can dial "on-hook" or listen to information services while you drive. Back-lighted controls for easy night operation. Adjustable handset volume. Cellular service is available now in many areas. Radio Shack will obtain your personal cellular number. You can install it yourself or let our professionals do it for you. Includes bracket, mounting hardware and cables. Visit your Radio Shack store for more information on availability in your area. 17-1002.



Go Portable!

The accessories you need for portable operation are simple to connect and easy to afford. The case includes a package for rechargeable batteries that locks on to the transceiver unit, a DC-power adapter/charger cable, flexible antenna and a shoulder strap. For cellular phone model #17-1002 only. Adapter Pack. 17-201, 169.95

Battery. Two required. 23-180 Each 14.95 Optional AC Charger. For charging batteries at home. 17-202 29.95

Radio Shack's Cellular Phone Will Keep You "in Touch" Wherever You Go!



CORDLESS PHONES FOR CONVENIENT CALLING

DUBFONE

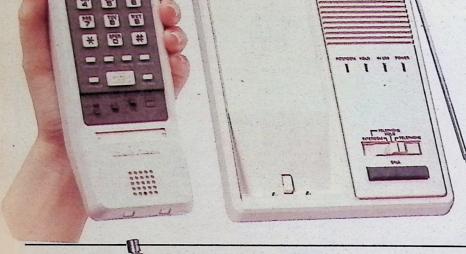
Our Best! 32-Number Auto-Dialer and Programmable Touch-Tone/Pulse Dialing

Maximum Legal **Output Power**

*Low As \$25 Per Month on Bencharge

- 10,000-Combination Programmable Security Code Prevents Others From Using Your line
- 46/49 MHz Frequencies for Clearer Sound

Radio Shack ET-410. Enjoy the convenience of talking from any room or even outside without twisting, tangling cords, plus a memory that stores up to 32 often-called or emergency numbers for fast and accurate automatic dialing. Programmable Touch-Tone or pulse dialing allows rotary-line users access to low-rate long-distance and other tone-required services, and functions as a 2way intercom when a corded phone is connected to the way intercom when a corded phone is connected to the base. Handset features one-button touch-redial of last number dialed, "Flash" button for convenient use of special phone company services like Call-Waiting, privacy button and a "LDT" button for remotely activating tone when in pulse mode. Also has volume, power and ringer-loudness controls, audible range-limit tone and repharable pickel cadmium betteries. Automatic rerechargeable nickel-cadmium batteries. Automatic recharger is in base. Handset, $1^3/4 \times 2^9/16 \times 9$ ". Base, $2\frac{1}{2} \times 5^{15}/_{16} \times 8^7/_8$ ". AC operation. 43-551 249.95



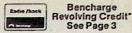
Cordiess Phone, 16-Number Programmable Memory

Radio Shack ET-400. Enjoy dialing, answering and hanging up from almost anywhere without trailing tangling cords, plus automatic memory dialing of 16 of your most important numbers. Features programmable security code with over 10,000 possible combinations to prevent nearby cordless phones from using your line. "Flash" button for convenient use of special phone company services like Call-Waiting. And 49/46 MHz frequencies for clearer sound. Handset features touch-redial of last number called, privacy button so you don't have to cover the mouthinger "ID" button for remotely extinctive transported to the provided of Maximum Legal Output 1 2 3

- - Memory Stores Up to 16 Phone Numbers for Fast and Accurate Automatic Dialing of Your Emergency or Often-Called Numbers
 - Switchable Touch-Tone/Pulse Dialing Accesses Low-Rate Tone-Required Services on Any Telephone Line

*Low As \$25 Per Month on Bencharge

MORE CORDLESS TELEPHONE VALUES





Pocket-Size Cordless Telephone With Folding Mini Handset



■ No Trailing, Twisting or Tangling Cord

■ 46/49 MHz Operation Improves Sound and Cuts Interference ■ Pulse Dial System

- Convenient—Great for Desk, Tabletop or Wall
- Mute Button Eliminates Need to Cover Mouthplece With Your Hand

Radio Shack ET-390. Now you can add cordless telephone convenience to your home or office at a budget-minded price! All the controls are in the portable handset, so you can call, answer, hang up and redial from any room, even outdoors. Features touch-redial for one button dialing of last number called and pulse dial system that works on all telephone lines—rotary or Touch-Tone. Handset has built-in rechargeable nickel-cadmium batteries, built-in antenna, low-battery, talk and recharging LED indicators. Automatic recharger in base. AC operation.

-545 149

Flexible Antenna





Replace clumsy, long or broken pull-up antennas. 43-189 ... 6.95

Handset Carry Case 5^{95}

Protection and portability for cordless phones. 43-190 ...5.95



239⁹⁵

*Low As \$25 Per Month on Bencharge

- Selectable Touch-Tone/Pulse Dialing
- Selectable Security Code
- 46/49 MHz Frequencies

CONVENIENT AUTO-DIALERS AND AMPLIFIERS



Pocket Memory Tone-Dialer

Stores 60 Numbers of Up to 16 Digits

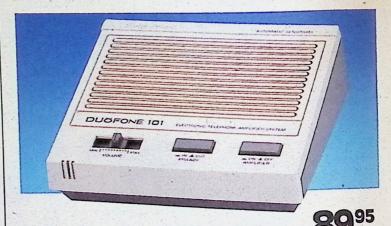


4995



- Electronic Phone Book Auto-Dials for You
- LCD Display Lets You Review Your Phone List
- **■** Chain Dialing

Available Oct. 1985



Phone Speaker/Amp with Automatic Talk/Listen Switching

DUōFONE-101. Built in microphone and speaker let several people join in two-way conference calls. Great for business or home — frees both hands when you're on the phone. Features volume control and mute button. With 6-ft. cord, modular plug, AC adapter. 43-277A.....89.95



Low-Cost Pocket Tone-Dialer

Saves You Money



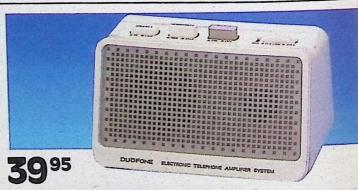
Utilize long-distance systems and other services requiring "tone" signals—from most phones. Ideal for tone-activated remote answerers and Ham radio auto-patch. With batteries. 4×23/6×11/6" 43-13829.95





Deluxe LCD Pocket Tone-Dialer

Was \$79.95 in 1985 Catalogue



Budget Priced Speaker/Amplifier



High-Capacity Desktop Auto-Dialer System

5995 Stores Up to 100 Telephone Numbers Ideal for Low-Rate Long-Distance Services

DUōFONE 120. Use it at the office to call business associates easily and quickly, or at home for auto-dialing convenience and for safety during emergency situations. Remembers and dials 100 numbers up to 32 digits long. Quick reference index on top for 20 numbers, and the other 80 numbers are listed on an easy access tray. Switchable for pulse and tone dialing. Users on rotary-dial lines can access low-rate long distance and other services requiring tone dialing. Pause key works with systems requiring an access code such as office phone systems. Pause can be entered manually or stored as a part of the number in memory. Features priority storage memory, last number redial. Phone line powered. Memory backup requires 2 "AA" cells. 11/2×53/8×41/4".

TELEPHONE TESTERS AND ACCESSORIES



Bencharge Revolving Credit* See Page 3

The First Low-Cost Telephone Tester

NEW '86

Low As \$25 Per Month On Bencharge

Available Dec., 1985

- Ideal for Businesses With Telemarketing Departments Or Office Equipment Sales and Service Organizations
- Microprocessor-Controlled for Accurate Diagnosis
- Tests Both Touch-Tone and Pulse-Dialing Telephones, **Cordless Phones and Answering Machines**
- Easy-to-Follow, Picture-Coded Instructions for Quick And Accurate Step-by-Step Testing

A must for businesses that depend on their phones. Makes it easy to analyze faulty phones and avoid needless outside repairs. Often, a problem is as simple as a defective cord—which can be replaced by anyone. This amazing instrument is designed to check for common problems that occur in most phones and answering devices. Works on all single-line pulse, rotary and Touch-Tone phones, corded or cordless. It can also be used to test 2-line phones simply by adding our optional adapter (279-401). Includes tests for defective plugs, cords, handsets and loud/soft ringing, plus long/short loop testing. 14 x 13 x 8". AC operation.



Get More for Your Money With Low-Cost Shack Phone Aids



Handy Line Tester

Locates Phone-Line Problems Quickly

Convenient line tester saves you money-no more unnecessary telephone company service calls. Simply plug tester into modular phone jack and it immediately indicates whether your line is operational. Has two LED indicators. Completely safe to use. Phone-line powered. 43-101 5.49



Compact Amplifier

Attaches to most phones and boosts

caller's voice. Ideal for factories, loading docks and other noisy locations.

Volume, tone controls. 4 x 21/4 x 7/8".



Ideal for Noisy Areas at Work or at Home



Fone Flasher™Lets You See Phone Ring

Flashes a light when phone rings. Easy to install — just plug into AC outlet and modular phone jack, then plug desired lamp into flasher. For incandescent bulbs up to 300 watts. 43-17729.95



Snap-On Handset

Amplifier

Attaches Easily To Earpiece

Plugs Into Modular Handset

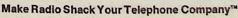
Boosts caller's voice up to five times normal volume. Handy for noisy areas or the hearing impaired. For use with hearing aid compatible phones. Volume control. With battery. 43-238 19.95



Portable Telephone Listener

No Wiring Required

Amplifies calls so others can listen. Suction cup pick up works on most phones. Adjustable volume. 2x3x43/4". Re-



PHONE ANSWERERS-NEVER MISS A CALL AGAIN

Remote Control Answerer/Telephone Combination All-in-One System Fits Easily on Any Desk, at Home Or at the Office See page 73 for Touch-Tone/Pulse facts Available Nov. 30, 1985

NEW '86

Low As \$25 Per Month on Bencharge

- Microprocessor-Controlled Dual Microcassettes
- Voice-Operated Recording Touch-Tone/Pulse Phone

DUōFONE® TAD-250. A complete phone system! Features all-electronic soft-touch controls including erase during rewind and fast-forward, variable outgoing and incoming message lengths, plus voice-operated recording. Remote lets you hear your messages from any phone. Selectable ring delay with "toll saver" cuts long-distance expenses by answering immediately if you have new messages, but waits about four rings if you don't. Two-way recording lets you tape both sides of phone conversations. Call-monitor lets you determine who's on line *before* picking up phone when at home. Switchable Touch-Tone/pulse phone works on both rotary and tone-dial lines, and has touch-redial, hi/lo/off ringer control. 21/2×92/5 x 7". Remote includes batteries. AC operation. 43-315.. 299.95

Announce-Only Phone Answering System



Greets Callers With Your Own Personalized Message

DUOFONE TAD-100. The perfect "answer" for businesses, church groups and other organizations where an announcement is all that is required. Does not record calls. Built-in microphone for recording your message. LED indicator lights when there is an incoming call. Includes earphone for listening to your recorded message. 314 x 514 x 514". AC operation. 43-244 ... 79.95

Voice-Synthesized Microcassette System



Available Oct. 30, 1985

Sensational O **Low Price**

Uses a Single Microcassette

DUÖFONE TAD-240. A compact answerer that gets the job done. Voice-synthesizer delivers outgoing announcement (below) in clear, spoken English with either a man's or woman's voice! Records sixty 30-second incoming messages on a single microcassette. Pushbutton operation, ready/call-received LEDs. Volume control. 17/8 x 71/8 x 41/4". AC operation. 43-38889.95

Voice-Synthesized Answerer With Phone



Available Oct. 30, 1985

Uses a Single Microcassette

DUöFONE TAD-242. Space-saving combo looks great on any desk. Its voice-synthesizer delivers outgoing announcement (below) in spoken English with selectable man's or woman's voice. Records sixty 30-second incoming messages. Ready/call-received LEDs. Volume control. Phone has hi/low/off ringer switch, modular cord. 2 x 6 x 91/4". AC operation.

"Hello, no one is available to answer your call right now. Please leave your name and phone number at the tone; we will get back to you."

Doubles as a Recorder And Dictation Machine

Our Best! Microprocessor-Controlled Answerer With Full-Function Remote

*Low As \$25 Per Month on Bencharge

- Remote Control With Programmable Security Code for Complete Privacy
- Digital Display Shows Time, Date And Number of Message

DUōFONE TAD-220. The answerer that "does it all". Features dual-cassette operation with selectable, dual outgoing messages. Voice-operated recording with adjustable activation time saves tape. Hear messages or record new announcements from any phone with remote. Sends toll-saving tone over phone lines if there are no new messages. Two-way record lets you tape your phone conversations. Built-in-mike for dictation—or use optional hand-held

DUAL-CASSETTE PHONE ANSWERERS



Bencharge Revolving Credit* See Page 3

Value-Priced Answering Systems

13995 NEW /86 16995 Low As \$25 Per Month On Bencharge

- Dual-Cassettes Make It Easy to Store and Change Tapes and Build a Complete Tape Library
- Switchable Message Length Announce-Only Setting

DUōFONE TAD-210. Records up to 120 incoming messages. Easy-to-use single-knob function control. Fast-forward lets you scan specific messages. Call-monitor lets you know who's on the line before you answer. Ringer adjust sets number of rings before answering. Built-in mike, record, ready and call received LEDs. $2^{7}/_{8} \times 8^{3}/_{8} \times 8^{5}/_{8}$ ". AC operation.

Our Most Popular Phone Answerers Now With Tape Counter for Easy Reference

Remote Control Lets You Call From Any Phone to Review Your Messages

NEW '86

199°

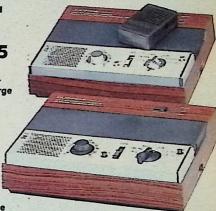
*Low As \$25 Per Month On Bencharge

Records Callers for Up
To 3 Minutes or Gives
Announcements Only

159⁹⁵

NEW '86

*Low As \$25 Per Month On Bencharge



DUōFONE TAD-112C. Dual cassettes make it easy to change and store message and announcement tapes. Use the tape counter to keep track of important messages and as a reference point for incoming messages. Voice activation saves tape. Save time by erasing old messages while rewinding. When you're at home, call-monitor lets you screen incoming calls before you answer. Built-in mike, single-control operation, fast-forward. Ready, record and call received LEDs. Selectable ring delay lets you determine number of rings before the machine answers. Answerer, $2^3/4 \times 9^3/4 \times 7^1/4^n$. Remote, $3^1/4 \times 2^1/4 \times 1^n$. Remote requires 9V cell.

Microprocessor-Controlled System With Multi-Function Remote

- All-Electronic Feather-Touch Controls
- Dual-Cassettes Voice-Operated
- Remote Control Lets You Call From Any Phone to Hear Incoming Messages Or Change Your Announcement
- Selectable Message Lengths

249⁹⁵

*Low As \$25 Per Month On Bencharge



Customized Announcement Tapes Give Your Answerer "Personality"

Choose from Ten Recorded Messages on Each Tape

995 Each

Office/Home Edition. Ten recorded messages make your announcements in a professional or a humorous manner. 43-4159.95

Comedy Edition Volume I. Hilarious impersonators of Rodney Dangerfield, W.C. Fields and eight others answer your phonel 43-416 .9.95



Announcement and Message Tapes

Use With Our DUöFONE® Answerers and Most Other Brands

Size	Type	Recording Time	Cat. No.	Each
Cassette	Announcement	10 Seconds	43-405	5.95
Cassette	Announcement	15 Seconds	43-403	5.95
Cassette	Announcement	20 Seconds	43-401	5.95
Cassette	Announcement	30 Seconds	43-402	5.95
Cassette	Announcement	45 Seconds	43-404	5.95
Cassette Cassette Micro	Announcement Announcement Announcement	60 Seconds 3 Minutes 15 Minutes	43-406 43-407 43-409	5.95 5.95 3.99
Cassette Cassette Micro	Message Message Message	60 Minutes 90 Minutes 60 Minutes	43-410 43-411 44-640	2.99 3.89 4.95

TELEPHONE SYSTEM MULTI-LINE CONTROLLERS



Budget 2-Line Controller With Ringer

69⁹⁵

- Distinctive Internal Ringers for Each Line
- Ringing and Hold LEDs
- **■** Phone Line Powered

Ideal for homes with adult and kids' lines, it adapts any single-line phone for use on two separate lines. Just press line-key to choose line. Put one line on hold while answering the other, or both. And you can connect an accessory, like an answerer, to work on either line. 21/2×37/8×3". 43-380 ... 69.95



Automatic 2-Line Controller

69⁹⁵

Automatically Directs Incoming Calls From Two Different Lines To Any Single-Line Phone or Accessory

Eliminates the need for separate answerers or cordless phones in homes with personal/business or adult/kids' lines. Outgoing calls are also easy—just press either line-key to select the line you want to use. LED line-in-use and power-on indicators. AC operation. 2½ x 37/8 x 3". 43-381..69.95



Pushbutton 5-Line Console

11995

- Lets You Select Any One of Five Lines
- Place Calls on Hold
- **LED Status Indicators**
- Selectable Ringing



Modular Multi-Line Controller

6495

Connects single-line equipment to standard 1A2 multi-line telephone system. Maintains operation of lights and hold features. Easy to install. 5 × 21/2 × 23/4". 43-233 64.95

Versatile Four-Line Telephone Tap



3495

NEW '86

Quick, Easy Installation

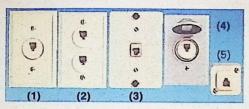
Multi-Line Adapter



Provides 1 and 1A Supervisor Activation

Multi-Line Products May Not Work With All Electronic Phone Systems.

EVERYTHING YOU NEED IN JACKS, PLUGS & CORDS

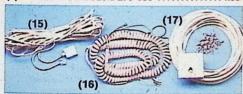


Modular Wall Plates, Jacks

(1) Rectangular. 279-352
(2) Dual Modular Wallplate. For connecting up to fou separate lines or two phones having the same number 279-350 6.95
(3) Wall Phone Plate. Standard plate for use with modular wall telephones. 279-387
Surface Mount Wall Phone Plate. As above, bu mounts on wall without electrical box. 279-382. 9.95 Quick-Connect Jack. Converts wall block for use with

modular plug. Spade terminals. 279-3553.49 (4) Outdoor Wallplate. Weather-resistant modular jack. With hardware, instructions, 279-34012.95

(5) Surface-Mount Jack. 279-3534.95



Modular Extension Cords

25-Foot. 279-8363
25-Foot. 279-83636.95
14-Foot. 279-83735.49
(16) Colled Handset Cords. Black, 279-8003, White
279-8004, Belge, 279-8005 Each 7.95
(17) Modular Extension Kit. Contains modula
surface-mount jack, 50 feet of cable and cable clips
Install your own extension, 279-8110 13.95



(20) 4-Prong Plug. Fits standard 4-prong jack below. (21) 4-Prong Jack. Accepts standard 4-prong plug. With mounting hardware. 279-3671.99

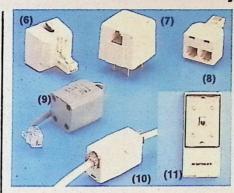
o De

D. 15.

8-Terminal **Mounting Box**

NEW '86

Ideal for new construction or with existing wall. Includes mounting hardware. 279-341 4.99

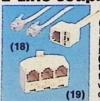


Plugs, Jacks, and Adapters

(6) Quick-Plug. Converts older phones for use with modular phone jacks. Accepts spade lugs or bare leads. 279-354
(7) Cord Adapter. Converts modular phone plug to 4-prong plug. Allows you to connect a modular-plug phone to a 4-prong jack. 279-3514.95
(8) Duplex Jack. Couples two phone devices into one jack. 279-357
(9) Plug adapter. Converts 4-prong plug to modular plug for use with newer installations. 5.95
(10) Inline Coupler. Interconnects two modular line cords. 279-358
(11) Moduler Dunley Well Phone Adenter ets vou

2-Line Coupler & 3-Way Jack

install a wall phone, plus a phone accessory, using



(18) 2-Line Coupler. Combines two lines with CA11 jacks into a two-line CA14 ack. 279-401..... (19) 2-Line, 3-Way Jack. Adds two single-line CA11 connections to a 2-line CA-14 jack without losing 2-line device connection. 279-402 9.95

Entrance Bridge

Provides distribution or connecting point with two screw terminals for each of the four conductors. Use to connect



5-Outlet Modular Adapter

1495 1886

Lets you connect up to five telephone devices into one CA11 single-line modular jack or into one CA14 two-line modular jack. Ideal for adding extension phones, autodialer or answering machines. 279-410 ...



Modular Line Cords

(13) 12-Ft. Modular-to-Modular. 279-374 . 5.1 25-Ft. Modular-to-Modular. 279-356 . 6.5 5%" Modular-to-Modular. 279-390 . 2.4 (14) 25-Ft. Extension/Converter. Modular-to-spac lugs. 279-364 . 6.5 12" Modular-to-Spade. 279-391 . 3.2	Ft. Colled Modular-to-Modular. Sa White, 279-396. Brown, 279-397	tin, 8.95
(14) 25-Ft. Extension/Converter. Modular-to-spacings. 279-364 6.9	. Modular-to-Modular. 279-374dular-to-Modular. 279-356	5.59 6.59
12" Modular-to-Spade, 279-391	L Extension/Converter. Modular-to-sp	ade
7 Ft. Modular-to-Spade. 279-8100		3.29

Dual-Jack Extension

Modular plug at one end, dual jacks at other (CA11/14). 12-Ft. 279-3735.95 25-Ft. 279-3637.95



Modular Handset Cords

25 Feet # Choice of Four Colors



Color	Cat. No.	Each
White	279-301	8.95
Almond	279-302	8.95
Beige	279-303	8.95
Brown	279-304	8.95

Wire Stripping Tool



"E"86

Makes installation of phone wire and jacks easier, Removes cable jackets and insulation in seconds. Holds staples securely for tacking down wire.







Crimping Tool. The quick, easy way to Modular Line-Cord Connectors. Use with crimping tool above. 279-384 Pkg. 10/4.95



4-Conductor **Phone Cables**

Fig.	Description	Cat. No.	Each
24	50-Ft. Modular	278-365	8.99
24	100-Ft. Modular	278-366	17.99
25	50-Ft. 24GA Solid	278-372	9.49
25	100-Ft. 24GA Solid	278-373	17.99
25	24 Gauge Solid in Bulk Quantity	278-1320	16 Ft.

TELEPHONE "ADD-ONS" COST LESS AT RADIO SHACK

Lightweight, Hands-Free, Telephone

NEW '86

It's the Perfect Office Tool for Receptionists and **Busy Executives**

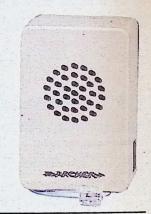


Not compatible with some electronic phones, and phones with dial in handset

DUOFONE®-109. Comfortable headset with adjustable mike boom frees your hands so you can write letters, type or make notes while on the telephone. Amp module has volume control and attaches to most handsets with modular jack. Quick disconnect feature lets you leave the telephone without having to remove the headset. Removable eartip allows your choice of fit for maximum comfort. 43-17069.95

Handy Indoor Bell Ringer

Indoor Replacement/Extension. Automatically cancels phone's ringer, or works as an extension ringer when plugged into a spare outlet. Hi/med/low ringer-loudness con-trol. Small enough to fit on any desk or table top, or mount on wall or baseboard. Modular plug.



Multi-Extension Telephone Recording Control

2995



Allows you to record your phone conversations from any extension phone. Plugs into remote mike jack of most portable cassette recorders. Starts and stops automatically. 43-23629.95

300-Number Automatic Directories



Scrolling

Operation



Push-Kev Operation

(1) Portable. Forward or reverse power-operated drive accesses up to 300 names/numbers. 51/8 x 3½ x 11/8". Requires 2 "AA" cells. 43-112, 9.95

(2) Desktop. As above, except has instant, direct-to-the-letter push-key operation. $45/8 \times 53/4 \times 73/8$ ". Requires 2 "C" cells. 43-900129.95

Ringer Silencer and Pen/Holder



(3) Ringer Silencer. Prevents ringing for privacy, yet allows normal telephone use. On/off switch. 7-foot modular line cord. 43-1279.95

(4) Pen and Holder. Instantly sticks on phone. 43-110........... 99¢

4-Station, Battery-Power Wired Intercom



Set of 4

Use It Anywhere



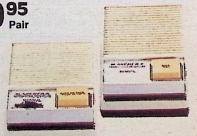
"Whole house" system at a budget-minded price. Selector knob on master chooses remote #1, #2, #3 or standby—no other station can listen in. Press Talk-bar on any remote to signal master. Master, $1^3/4 \times 4^1/8 \times 4^7/8$ ". Remotes, $1^3/4 \times 3 \times 4^1/8$ ". With three 66-foot cables. Requires 9V cell or AC adapter (#273-1651). 43-216 Set of 4/36.95

2-Station, Battery-Power Wired Intercom

For Desktop or Wall Mounting

■ With 66-Foot Cable

An inexpensive communications system for your home and shop as well as for campers, motorhomes or larger boats. Remote can signal master even when system is "off". Master has volume control. 13/4 x 31/16 x 41/8". Requires 9V cell. 43-221 Pair 19.95



86

Prices in Effect at All Radio Shack Stores and are the Maximum at Authorized Sales Centres (DEALERS)

PLUG 'N TALK FM WIRELESS INTERCOMS



Revolving Credit

*Low As \$25 Per Month on Bencharge

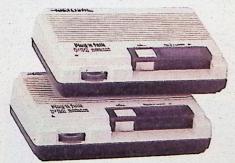


Our Best! 3-Station, 3-Channel Intercom & **Monitoring System**

- Automatic Squelch Helps Keep Stations Quiet Between Calls
- FM Operation Reduces Electrical Noise and Annoying Interference
- Universal Base for Desktop Use Or Mounting on the Wall

Enjoy talking, not shouting, from livingroom to bedroom, kitchen to shop—from and to any room you desire. And there's no wiring necessary, simply plug each station into an AC outlet at its desired location. Each station features selectable, 3channel operation so you can talk with the station of your choice without having to disturb the other. Call-tone button for signaling one or all stations. And lockable

Budget-Priced 2-Station System



Compact—For Desktops or **Wall Mounting**

Each station has Call-tone that alerts other station, Talk-bar with lock position for hands-free talking or continuous monitoring, volume control and power-on LED indicator. Plug-in installation. 17/8×57/8×4″. AC operation. 43-207 Pair 59.95



Handy FM Wireless Monitoring System



Keep an "Ear" On Child's **Room While** You Cook, Clean, Relax

Low-cost monitoring system is ideal for "babysitting" from another room or as a one-way intercom. Transmitter has on/off switch. Receiver has on/off volume control. No wiring needed—just plug in. $17/_8 \times 3 \times 37/_8$ ". AC operation. 43-208

2-Station With Lighted Talk-Bar

- A Real Step-Saver
- Lighted Talk-Bar Doubles As a Convenient Nightlight



Incredibly easy to use—just press Talk-bar to speak, or Lock-bar for handsfree talking or continuous monitoring. Each station has volume control, Calltone button and squelch. Ideal for desktop or nightstand. 13/4 x 63/4 x 43/4". AC operation. 43-212.....

"Phone Style" 2-Station **Intercom System**

Designed for Your Privacy

Uses two separate frequencies to send and receive-just talk like it's a regular phone. Lift handset off base to call and a pleasant "ringer" sounds at the other sta-tion. LED station indicators blink when calling, steady when answered. No wiring—just plug into AC outlet. For desktop or wall mounting. 31/e×31/4×9". AC operation. 43-205 Pair 99.95



Wireless Intercoms Work Up to 300 Feet Apart and Usually Between Neighboring Houses and Apartments

TINY POCKET TVS WITH FOLD-OPEN LCD SCREENS



2.7" Black-and-White TV

NEW '86

229°5

Goes Anywhere— Watch It Even in Bright Sunlight

■ Video Input

'Low As \$25 Per Month on Bencharge

Realistic PocketVision™-3. Liquid crystal screen gives you a clear, detailed picture that won't wash out. Built-in speaker. Telescoping and wire antennas, jack for external antenna, backlight hood for viewing in dim light. 3/4" × 51/4" × 27/8". With earphone, leatherette case. Requires 4 "AAA" cells or AC adapter #273-1650 or DC adapter #270-1650.

Super-Value 2" B&W TV

NEW '86

Excellent Picture Detail, Even in Bright Sunlight

Built-In Antenna

*Low As \$25 Per Month on Bencharge

Breakthrough! 2.6" Color TV

NEW '86

Digital-Synthesized Tuning System

43995

 Built-In Backlight for Viewing in Dim Light

Avail.

*Low As \$25 Per Month on Bencharge Oct. 30, 1985

PORTAVISION® B&W TVS WITH 3-WAY POWER



5" TV With AM/FM Radio and Cassette Recorder

289⁹⁵

Low As \$25 Per Month on Bencharge

(1) Cassette records from radio, TV or built-in mike. Has pause control and auto-level recording. Aux input. TV has sun shade, reliable all-electronic tuner, terminals for 300-ohm external antenna. AC operation (or 9 "D" cells or DC adapter, extra). 16-104... 289.95

Value-Priced 5" Black and White Portable TV

18995

Low As \$25 Per Month on Bencharge

(2) Quality you can see, at a bargain price. Features built-in sun shade, large slide-rule dial, reliable electronic tuner. Telescoping VHF/UHF antenna, terminals for 300-ohm external antennas. AC operation (or 6 "D" cells or DC adapter, extra). 16-102... 189.95

5" TV With AM/FM Radio and Built-In Sun Shade

229⁹⁵

Low As \$25 Per Month on Bencharge

PICTURE PERFECT RADIO SHACK® TVs



Bencharge Revolving Credit* See Page 3

14" Colour TV/ **Video Monitor With 16-Function Wireless Remote Control**

Low As \$25 Per Month on Bencharge

Available December 1985

- 140-Channel Cable Ready Tuner
- Video/Audio Input/Output Jacks
- High-Tech Comb Filter Provides **Excellent Picture Definition**



Our best! This TV/video monitor has separate audio and video inputs and outputs for added flexibility and superior picture and sound. Comb filter processes the video signal for a more detailed picture with vivid, life-like color. Electronic tuner with pushbutton up/down channel scanning plus automatic fine-tuning. Full function infrared remote with mute button. Detachable VHF dipole and UHF loop antennas, terminals for external 300 and 75-ohm antennas and cable. Earphone jack. AC operation. Remote requires 2 "AA" cells. 16-232

14" Colour Television With Wireless Remote Control



Available December 1985

Low As \$25 Per Month on Bencharge

- 105 Channel Cable-Ready Tuner
- 16-Function Infrared Remote With Mute
- Earphone Jack For Privacy

Packed with features for outstanding picture clarity and convenient operation. Electronic tuner with pushbutton up/down scanning, or use the remote to select channel, adjust volume or turn set on/off. Rapid-on picture and sound cuts warm-up time. VHF dipole and UHF loop antennas, terminals for external 300 and 75-ohm antennas and cable. AC operation. Remote requires 2 "AA" cells.







RADIO SHACK - YOUR HOME ENTERTAINMENT CENTRE



14" Color Television With Automatic Fine Tuning

NEW '86

399⁹⁵

Available November 1985

Low As \$25 Per Month on Bencharge

- Rapid-On Picture and Sound Cuts Warm-Up Time
- Detachable VHF Dipole and UHF Loop Antennas
- Solid-State Circuitry Saves Power

One-touch automatic fine-tuning assures a sharp, detailed picture with gorgeous color. Rotary VHF and UHF channel selectors. Color, brightness, tint and picture balance controls let you get the best possible picture. Terminals for external 300 and 75-ohm antennas. Attractive walnut grained molded case. 13 x 18 x 14%". AC operation.



429⁹⁵

Low As \$25 Per Month on Bencharge

- 21% More Viewing Area Than 5" Sets
- Works on AC, 12VDC Or Batteries

High Performance, Portable 51/2" Color TV/Video Monitor

NEW '86

- Doors Protect Video Tapes and Discs
- Easy-Roll, No-Mar Casters So Cabinet Moves Easily
- Holds up to



89⁹⁵

Components and accessories not included

Handsome Cabinet Organizes Your Home Entertainment System

BIG SELECTION OF INDOOR ANTENNAS

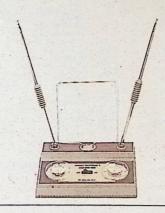


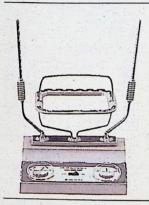
Bencharge Revolving Credit* See Page 3

Color Supreme II for Clear UHF/VHF/FM

Dial Controls for Tuning Without Moving the Console

Pulls in better color and B&W than built-ins. 12-position fine-tuning control for more precise signal adjustment. Dial rotates antenna. Also improves FM. 15-1816 44.95





Better UHF/VHF/FM With Color Supreme III

Phasing Control for Best VHF

Helps clean up ghosts and snow, even in hard-to-receive areas. 12-position fine-tuning control and dial to rotate UHF and VHF elements for clear pictures. Also improves FM stereo. 15-1824 54.95



Sharpens color and black-and-white, "cleans up" FM stereo. 12-position fine-tuning and rotary antenna knob adjust for best recep-tion. Loop with deflector/reflector optimizes load. Normal/boost

Color Eagle II TV/FM



Phasing Switch Cuts Ghosts, Snow and FM Interference

Low-cost UHF/VHF/FM with satin-brass VHF dipoles and dual UHF loops. Colorcoded leads, 15-1809 29.95

Color Eagle UHF/VHF



- **■** Four-Section **VHF** Dipoles Dual UHF
- Loops

Phasing switch for clear TV reception. Color-coded UHF/VHF leads for easy hook-up. 15-1810 27.95

Deluxe UHF/VHF



Multi-Position Fine-Tuning Switch for **Best Reception**

Greatly improves color and black-andwhite pictures! Installs quickly with screwdriver, 15-1818

Standard UHF/VHF

12-Position Fine-Tuning Control



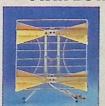
Budget VHF

599

Improves Picture On TV Channels 2 Through 13

'Our lowest priced VHF antenna. Contemporary design, telescoping three-section dipoles. Anti-slip base, 15-958 5.99

Upright UHF Twin Bow-Tie



Better Reception On TV Channels 14 to 83

Gold-colored bow ties, brass-plated reflector grid. Vinyl feet won't mar sur-faces. Installs easily. 15-623 . . . 13.95

Back-of-Set Antenna





Install it Yourself In Minutes

Mounts out of sight behind most TV sets. Improves reception on TV channels 2 through 13. Telescoping, adjust-able 30" dipoles. 15-1804 . . .

Indoor FM Antenna

1995

Enhances FM Stereo



Stereo Supreme. Cuts FM drift and noise, improves selectivity and channel separa-tion. Fine-tuning knob. 15-1822 19.95

"Charge-It" — American Express, MasterCard and Visa Welcome at Most Stores

	MIDEV	C
	INDEX	-
	CTION RADIOS	000
	Kit	Č
	AC to DC	-
	AC to DC	5
	DC Auto	0
	Mike Stand	0000000
	Audio 25, 52, 129 Cassette 62 CO Auto 45, 66, 71 Foreign AC Power 145 Headphone 30, 129 Mike Stand 52 Telephone 81, 84, 85 Video 99, 126 Adhesives 139	-
-	ALABAS	
	Auto	-
	Amplifier/Speaker 34, 121	
	Antenna 50, 53 PA 50 Stereo 11 Telephone 80, 81 AMSWERERS, TELEPHONE 82, 83	1
	ANSWERERS, TELEPHONE 82, 83 ANTENNAS	
10000	ANTERNAS Auto Radio	
	Cordiess Telephone	
	Replacement Rod 67, 98, 132 Shortwave	
	TV, Outdoor	
	ANTENNA ACCESSORIES	
	Cables, TV/FM	
	Couplers	
	AMPITERNA ACCESSORIES Amplitiers 98, 99 Cables, TV/FM 97, 98, 123, 126 Couplers 98, 99 Coax Cable 97, 98, 126 Guy Wire 96 Insulators 96, 127 Masts and Mounts 96 Rotator and Cable 97, 99	
	Rotator and Cable	
	Splitters 97, 99 7 1 1 1 1 1 1 1 1 1	
	Alarms	
	Antennas	
	Brackets, Mounting	
	Clocks	
	Faders 64 Lights 67	
	Lights	-
	Suppressors, Noise	1000
	Barrier Strips 12 BATTERIES 114-11	6
	Chargers	5
	Holders	5
-	Biofeedback Monitor14 Blood Pressure/Pulse Monitor14	7
-	Books	2 7
	Testers 11 Binding Posts 13 Biofeedback Monitor 14 Blood Pressure/Pulse Monitor 18 BOOKS 118, 121, 16 Booster, FM Autio 18 Bibs 11 Breadboards, Experimenter 11 Buzzers 12	9
	CABINETS Audio Project	11
	Tape Storage	16
	Cable-TV Converters	200
	CAPACITORS	22
	Microphone	32
	02 P.J L. TI	400

	ISES	Filte
PT	122 290 46 45 45 45 45 45 45 45	Car
Ť	est Equipment134	TVI
Ja Ca	ISSETTE Adapter	FUS
G	ASSETTE TAPES	G
Ç	computer 164, 168, 173, 175	Grill
1	/ideo Recording47	H_
CI	ELLULAR TELÉPHONE	Hea
CI	hargers, Battery116	HE
C	hess Computers157	Ac Ex
C	B EQUIPMENT	Hea
-	leaners Audio	
	Tuner	IN
C	Video47	IN
	Alligator130	J_
	Test Equipment	A
0	CLOCKS	1
C	COMPUTER DISC PLAYERS4	K
	Tandy 6000	Kn
	Tandy 2000	ı
	Tandy 1000	U
	Model 100 Portable	L
	Color Computer 2	ļ
	Pocket Computers	L
	Accessories 174, 175	
	Cassette Recorders	
	Disk Drives 165, 170, 172, 178, 183	
•	Furniture174	L
	Printers	-
	Software 162, 164, 165, 167, 168-173, 180-182	
	Alligator 130	L
	CONNECTORS	L
	Antenna	1
	Automotive	
	Car Stereo	
	Plugs, Jacks	
	Telephone	
	Wire	
	Converter, Auto FM	
	Cords Replacement AC	
	Cords, Telephone	
	Crossovers. Speaker	
	CB71	
	Scanner	
	D	-
	Audio4	5
	Dialers, Telephone8	
	Dimmers, Light	
	Audio	6
	Earphones 30, 3 EDUCATIONAL LAB KITS 152, 15 Electrical Accessories 4	ī
	EDUCATIONAL LAB KITS 152, 15	3
	ELECTRONIC GAMES 155-15	7
	Autosound Fouglizer/Roosters F	3
	Home Stereo	28
	Home Stereo Erasers, Tape	
1	Headohone 30.3	31
20000	Microphone	25
	reichimie	
2	Fan, AC1 Field Strength Meter	30
3	Field Strength Meter	70

lers C Line Noise	Po
ters (C Line Noise	Pri
JSES AND HOLDERS131	R
rilles, Grille Cloth24	
ARDWARE138	H
ead Cleaners	5
Adapters	1
ARDWARE 138 ead Cleaners 44, 47 EADPHONES 30, 31, 103 Adapters 30, 129 Extensions 30, 31 Headphone Radios 109 eat Sinks 121	i
NTEGRATED CIRCUITS 118-120	1
NTERCOMS 86, 87	
IACKS	
Audio	R
KITS	
	F
LAB KITS 152, 153 LEDS 118, 119 LABELS 122 Tape 44 LAMPS 48cspmblise 117	F
LABELS Panel 122	1
Tape44	
Assemblies	-
Bulbs	
LAMPS Assemblies	-
Wireless	
Automatic	
Logic Probe	
W	
Magnets 139 Magnifiers 147 METAL DETECTORS 144 MICROPHONES Adapters Adapters 52, 129	
MICROPHONES Adapters	
CB/Communication69	
Elements 122 Mixers 5.35 Recording/PA 48, 49 Wireless FM 54, 156 Microscope 147 Microwave Leakage Detector 135 Mixers, Audio 5.5 Monitors, UHFIVHF/Aircraft 122-105 MULTITESTES 134, 132 Musical Instruments 29, 156	
Microscope	
Mixers, Audio	
MULTITESTERS 134, 135 Musical Instruments 29, 156	5
N	
Neon Lamps	
AC Line	500
Nutdrivers	8
0	
Optoelectronics11	9
Panel Meter 13 PATCH CORDS 2	
PRUBUSKAPRS	
Compact Systems	7
Filot Lights	11
Plant Meter	38
AC	46
Audio	23 26 85
Power Cords AC	00

C 66, 67	
C	
inted Circuit Boards122	
ADIOS	
MM/FM Portable 106-109 MM Stereo Tuner 11 Mulo 622 Aviation 102-105 Sicycle 108 B 68, 70, 71 Llock 110-113 Headphone 109 Multiband 105 Vovelty 108 Portable Cassette Systems 34-37, 41 Scanning 102-104 Shortwave 104 Table 110 Table 110 Table 110 Meather 110 Meather 110 Meather 110 Meather 110 Mable Controlled Toys 154, 155 ecceivers	
M Stereo Tuner	
Aviation 102-105	
Bicycle108	
Clack 110-113	
leadphone109	
Multiband105	
Portable Stereo 107 109	
Portable Cassette Systems 34-37, 41	
Scanning 102-104	
Table 110	
TV/Radio Combos88	
TV Sound	
ADIO CONTROLLED TOYS 154, 155	
eceivers	
Scanners	
Stereo	
lecord Accessories 26. 27	
declifiers120	
ADIO CONTROLLED TOYS 154, 155 eccivers 102-104 Shortwave 105 Stereo 8-15 ecord Accessories 26, 27 ectifiers 120 letalys 125 LEMOTE CONTROL SYSTEMS	
Wireless .148 RESISTORS .133 Reverb Systems .28, 53	
Reverb Systems 28 53	
terero dystems	
SCANNERS. VHF/UHF/AIRCRAFT 102-104	
Scraws 138	
Screwdrivers	
Sealing Tapes	
SECURITY EQUIPMENT 140-143, 144 SEMICONDUCTORS 118-121	
Smoke Alarm144	
Sockets	
SOLDERING EQUIPMENT	
102-104	
Spacers138	
Acoustic Insulation23	3
Acoustic Insulation	,
Auto 64, 65 CB/Scanner 66 Controls 24, 64 Crossovers 22 Extension 21, 31, 65 Grilles 24, 6 Hi-Fi 18-2 L-Pads 23, 2 Midrange 23, 2 Midrange 24 Musical Instrument 22 Outdoor 55 PA 55	
Crossovers22	2
Extension 21, 31, 69	9
Hi-Fi 18-2	•
L-Pads	1
Midrange	2
Musical Instrument	3
Outdoor	2
Protectors	2
Replacement	3
Stands	4
Outdoor 5. PA 5. Prolectors 2. Replacement 22. Stands 2. Switches 24. Tweeters 21. Wire 24. Wengers 24. 2 24. <td>2</td>	2
Wire 24, 12	7
Woofers	
STEREO COMPONENTS 6-2	1
Storage Albums, Tape 44, 4 Strobe Light 2 Styli 26, 2	6
Styli 26 2	7
SWITCHES	
AC	4
AC	4
Lock-Type	11
Magnetic 14 Pushbutton 12	1
	4
Speaker 24. 6	4
Toggle	36
Telephone 84, TV Game Video Component 10	17
Wireless 1	N
Wireless	70
T.	18
TAPE Accessories	17
Cases	At.
Cases	39
Electrical	8

Video47	
APE EQUIPMENT (CASSETTES) AM/FM Phono Systems 56, 57	
AM/FM Phono Systems 56.57 Auto Players 58-62 Cassette Clock Radios 111 Dubbing Decks 32	
Auto Players	
Dubbing Docks	
Playback Decks	
Playback Decks .33 Portable AM/FM .34-37 Portable Stereo Players .41 Portable Recorders .38, 39, 41 Record/Play Decks .32, 33 Variable Speech Control Recorder .40 (With Built-In Stereo Receiver) .14, 15	
Stereo Cassette Systems34-37	
Portable Stereo Players41	
Portable Recorders	
Record/Play Decks 32, 33	
Variable Speech Control Recorder40	
Variable Speech Control Recorder .40 (With Built-In Steren Receiver) 14, 15 FAPE EQUIPMENT (MICROCASSETTES) 14, 15 Portable RECORDERS .40 FELEPHONES .72-79 Accessories .79, 80-85 Adapters .84, 85 Amplifiers .80, 81 Answering Systems .82, 83 Automatic Dialers .80 Celfular Mobile/Portable .77 Cordless .78, 79	
Destable OF corders	
FELEBRONES 72-79	
Accessories 79.80-86	
Adapters 84, 85	
Amplifiers 80, 81	
Answering Systems 82, 83	
Automatic Dialers80	
Cellular Mobile/Portable	
Cordless	
Cordless 78, 79 Decorator .73 Plugs, Jacks, Cords .85	
Tester 81	
Wire 85, 127	
TELEPHONE SYSTEMS 74.76	
TELEVISION	
TV Sets88-90	
Television 88-90	
TEST EQUIPMENT 120-121, 134-135	
Battery Testers	
Fuse Tester	
Telephone Testers	
Test Leads and Probes 130, 135	
Thermometer	
Thermostat, Electronic147	
Timers	
TOOLS	
Soldering	
Soldering	
Soldering	
Soldering	
Soldering 136	
Soldering	
Soldering	
Soldering	
Soldering 136	
Soldering	
Soldering 136	
Soldering 136	
Soldering	
Soldering 136	1

· CB	70
Headset	156
Watches	
WEATHERADIO	
WIRE AND CABLE	407
Antenna	
Annliance	31. 121, 170
Coavial	_ /U. 90, 120
Computer	120. 114
Hookiin	121
Intercom	
Microphone	
Rotator, Antenna	95
Ribbon	123
Speaker	. 24, 127
Telephone	85, 127
Ties	127
Wire Wrapping	121
Wire Wrapping	126 137
Wire Cutters and Strippers	120, 151
Wired Intercoms	
Wireless Intercoms	EA 156
Wireless Microphones	34, 130

Save Up to 40%

Buy in Quantity From Radio Shack! Cet Discount Prices on Everything Available in This Catalogue!

For premiums, sales promotions, educational and institutional needs. Quantity buyers and purchasing agents can get big savings off our 1986 catalogue "each" prices. Terms: NET 30 days, FOB Radio Shack store nearest you.

DISCOUNTS TO BE TAKEN OFF SINGLE-PRICES ITEMS MAY NOT BE ASSORTED

Equipment	6-11	12-49	50-499	500-Up
Antennas, TV/FM Audio Components (Receivers, Amplifiers, Tuners, Digital Audio	10%	15%	20%	25%
Disc Player, Changers, Speakers, Headphones, Frequency Equalizers) Audio Accessories	10%	15% 15%	20% 25%	25% 33%
Auto Tape Players, Radios, Accessories Batteries (Radio Shack Brands) Batteries (Other Brands) Books Calculators	10% — 5% 10% 5%	15% 10% 7% 20% 10%	20% 20% 10% 25% 15%	25% 30% 20% 33% 20%
CB 2-Way Radios (Base, Mobile, Walkie-Talkies) CB Antennas, Accessories Coax/Telephone Wire	10%	15% 10%	20% 15%	25% 20%
(500-Foot Rolls Only) Computer Software, Accessories, Supplies and Books	10%	12%	15%	20%
Pocket Computers, Color Computers, Model 100/200, Printers, Peripherals Model 4/Tandy 1000/ 1200/2000/6000 Computers	5% 5%	10% 10% ger for qu	15% (See	20% store er 20)
Electronic Components Electronic Games/Space Patrols Intercoms Kits (Science Fair and ArcherKit) Microphones PA Equipment	5% 10% 5% 10% 10%	10% 10% 15% 10% 15% 15%	25% 12% 20% 15% -20%	33% 20% 25% 20% 25%
Phonos (Portables, Compacts) Radios (Clocks, Portable, Stereo, Novelty) Radio-Controlled Toys Scanners, Communication Receivers	5% 7% 5% 10%	10% 12% 10% 15%	15% 17% 12% 20%	20% 20% 20% 25%
Security Devices Speakers (Unmounted) Tape Recorders and Players Tape, Recording (Audio) Tape, Recording (Video) Tape Accessories	7% 10% 7% (See	12% 15% 12% pages 42 47, no ad	20% 20% 17% 2-43) Iditional di 20%	25% 25% 20% 40% scount) 25%
Telephones (Dialers, Answerers, Tester, Amps) Telephone Accessories Television, VCR TV/Video Accessories Test Equipment	7% 	12% 10% 7% 10% 15%	17% 25% 10% 20% 20%	25% 33% 15% 25% 25%
Timers, Electrical Accessories, Clocks, Watches, Treasure Finders Tools and Hardware	5% 5%	7% 7%	10% 10%	20% 20%

All Prices and Terms Optional At Authorized Sales Centres.
Prices Subject to Change Without Notice

EXTENDED WARRANTY PLAN



New Protection Option For Your Purchases

While all Radio Shack products carry a limited warranty, we can now offer you even more peace of mind with an Extended Warranty Plan. It's an economical way to take the worry out of maintaining valuable stereo systems, video components and more. Here's how:

- Extends our Parts and Labour limited warranty to a total of 5 years in most cases
- No unexpected repair costs. After limited warranty period, charges are limited to a small, pre-set shipping and handling fee
- Service is available through any of over 850 Radio Shack stores and participating Authorized Dealers nationwide

Eligible Equipment

Series	Description	Price	Years Coverage
14	SCT Series Cassette Decks	69.00	5
14 20	Programmable Scanners	49.00	5
31	Equalizers	49.00	5 5 5
31	STA/SCR Series Receivers	69.00	5
32	MPA Public Address Amplifiers	49.00	5
31 32 42	LAB Turntables	49.00	5
42	CD Compact Disc Players	69.00	5
13	CLARINETTE Music Systems	69.00	3
16	TV Receivers and Monitors	79.00	3
16	Video Cassette Recorders	149.00	3
43	TAD Telephone Answering Devices	49.00	3

For more information and a free brochure, visit your local Radio Shack store today. Ask how you can get an Extended Warranty Plan for your next Radio Shack purchase.

Now Get Faster, More Convenient Service with Our Walk-in Service Counters!

While Radio Shack offers fast, efficient repair and service through its network of over 850 stores and dealers, you can save more time by using our new walk-in service counters. In Halifax*, Quebec City, Montreal, Ottawa, London, Mississauga, Scarborough, Winnipeg*, Saskatoon, Calgary and Vancouver we have service centres where you can bring your products in for repair. Often, if it's a simple problem, it can be fixed on the spot. Usually you can pick your product up in a day or two. And there's no extra charge for this service! For the addresses of our walk-in service centres in one of the cities above, just phone your local Radio Shack store.

(Note: Halifax and Winnipeg depots opening soon)

EXTENDED SERVICE PLANS

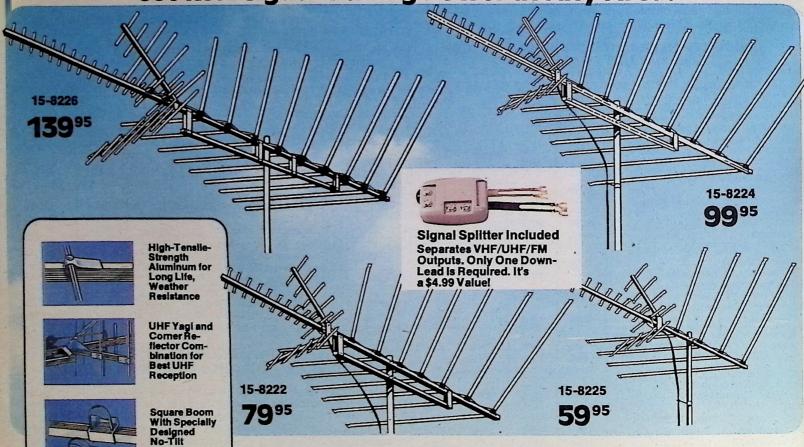
Extra Protection for Tandy Computer Purchasers

We offer computer buyers two service plan options — In-Shop and On-Site. Both are economical, and offer maximum protection for your computer investment. There are no "surprise" repair costs and you get tomorrow's service at today's prices. Service Plan owners also get priority service at our Service Centres. Ask for an Extended Service Plan brochure at your local Radio Shack store.



Supercolor II Three antennas in one! VHF/UHF/FM

Cet Real Signal-Pulling Power In Any Area!



For VHF/UHF-TV 2-83 Plus FM and FM Stereo

- 60° "Swept-Design" VHF Elements Aid Signal Pickup and Transfer, And Withstand Strong Winds and Icing During Stormy Months
- Fully Preassembled—It's Easy to Install It Yourself and Save

Radio Shack is able to offer you these spectacular values because we manufacture antennas in our own factories. Our dynamic Color Supreme II Series features 60° wide-swept elements that capture more signal. They make colors "come alive" and sharpen black-and-white pictures, even on "hard-to-get" channels. And if you own a stereo system, these antennas also provide the FM signal you need for full stereo separation. Factory pre-assembled, you can install one in no time. There's a Color Supreme II to fit your needs.

There's a Color Supreme Just Right for Your TV and FM Reception Area

Range in Miles*		Boom	No. of	Cat.				
VHF	UHF	FM	Length	Elem.	No.			
190 160 120 90	120 100 90 70	100 100 90 70	160" 140" 120" 80"	48 40 35 25	15-8226 15-8224 15-8222 15-8225			

No-Tilt Clamp



Snap-Out Brackets for Easy Installation



Air-Insulated Multiple Drive System

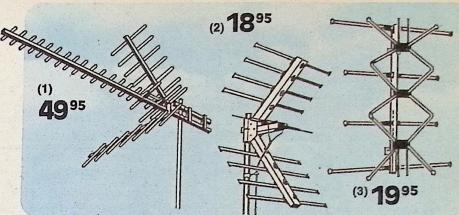


Extra-Heavy, High-Impact Molded Insulators

BOOST TV/FM RECEPTION WITH ARCHER® ANTENNAS

Custom-Designed for UHF-TV

60° Swept-Wing Design Increases Signal Pickup in Any Viewing Area

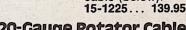


Aim Your Antenna for the Best Picture

139⁹⁵

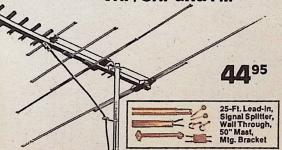
Maximizes TV/FM Signal Strength

Archerotor™ makes it easy to aim your antenna for improved reception. Motor brake resists wind movement. Accepts 1½ to 1¾" masts. Requires 3-conductor cable (below).



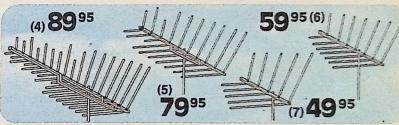
	zo oddag	c nee	acei e	
	No. of Conductors	Length in Ft.	Cat. No.	Per Roll
	. 3	50	15-1149	7.99
-	3	100	15-1150	13.95
100	5	100	15-1201	17.95

Mobile Antenna Package For VHF/UHF and FM



Perfect for boats, motorhomes, trailers. Strong snap-lock elements resist high winds. Folds down flat for travel. Wall-through insulator prevents water leaks. With hardware. 15-8232 44.95

Engineered Exclusively For the Best VHF-TV and FM Reception

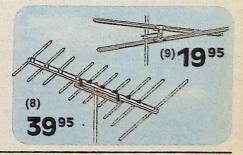


Air-insulated multiple-drive system and 60° "Swept-Wing" design for better reception on VHF-TV channels 2-13, plus FM stereo or mono.

Fig.	Range i	n Miles* FM	Boom Length	Number of Elements	Catalogue Number
4	185	110	160"	34	15-8654
5	150	100	120"	20	15-8653
6	110	80	80"	14	15-8652
7	90	60	50"	10	15-8651

Antennas for Better FM and FM Stereo

(8) "Stereo Supreme" Directional — Up to 175 Miles*. 10 triple-drive elements for best multi-path rejection.

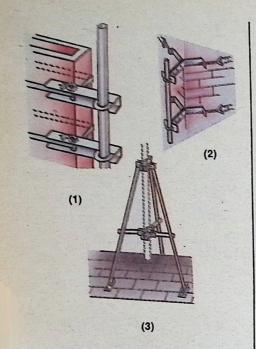


3695

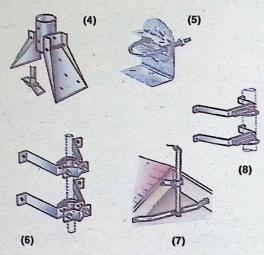
Car/Van VHF-TV Antenna

- Heavy-Duty Chrome-Plated Dipole
 Mounts Easily on Gutter or Window
- Lets you enjoy clear TV reception of channels 2 to 13 in your car, limo, truck or van. Outperforms built-in antennas. With hardware and instructions. 15-161036.95

EVERYTHING FOR "PRO" ANTENNA INSTALLATION



Chimney and Roof Mounts



Roof and Wall Mounts



(26)

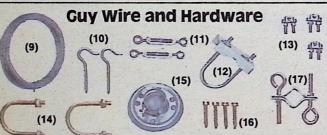
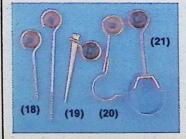


Fig.	Description	Cat. No.	Each
9	100-Ft. Galvanized Steel Wire	15-031	3.99
9	40-Ft. Plastic Coated Steel Guy Wire	15-037	3.99
	3 Guy Wire Anchors	15-825	1.19
11	2 Guy Wire Turnbuckles 6" Open, 4" Closed	15-829	2.39
12	U-Bolt and Clamp	15-826	1.99

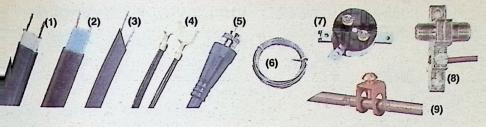
Fig.	Description ·	Cat. No.	Each
13	3 Guy Wire Clamps	15-850	1.99
14	2 U-Bolts With Nuts	15-830	1.69
15	11/4" Guy Ring and Collar	15-835	1.99
	Set of 4 Hex Lag Bolts, 1/4×21/2" for	15-655	1.23
	Heavy Duty Mounting Guy Wire Mast Clamp	15-833	.99
"	With Bolts	15-827	1.69

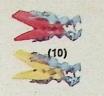


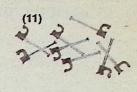
Stand-Off Insulators

Fig.	Description	Cat. No.	Each
18	4 31/2" Wood-Screw	15-853	1.29
	4 61/2" Wood-Screw	15-854	1.49
	2 Masonry Type	15-820	1.29
	2 Snap-Grip Type	15-822	1.29
	2 Strap-On Type	15-823	1.29

BOOST YOUR RECEPTION WITH OUR ACCESSORIES







(1) VHF/UHF 300-Ohm Foam Cable, Our best! 220-gauge copper, dense polyethylene jacket.
!50 Ft. 15-1174
100 Ft. 15-1175 13.95
(2) Economy Foam VHF/UHF Cable. For strong-signal areas. 22-ga. copper, brown polyethylene jacket with blue polyfoam.
!50 Ft. 15-1202 6.99
100 Ft. 15-1203 11.99
(3) Low-Cost Twin Lead. For TV or FM. 24- ga., 4-mil. For indoor/attic use.
Brown Twin Lead, 40 Ft. 15-004 2.99
Clear Twin Lead, 40 Ft. 15-1158 2.99
Standard Twin Lead. 22-ga., 7-strand. For indoor use.
50 Ft. 15-1153 4.99
100 Ft. 15-1154 7.99

- (4) 8-Ft. Twin Lead Cable. Dual spade lugs attach easily from splitter to VCR or stereo. 300
- (5) Shielded VHF/UHF Foam Coax Cable Assemblies. Combines low-loss characteristics with interference-rejecting shielding. Use with 75 to 300-ohm matching transformers. Has F-56 connectors.

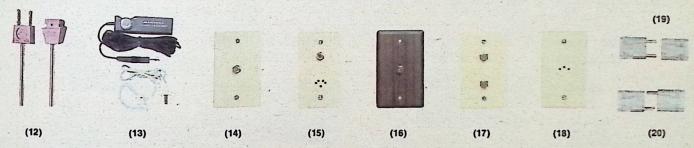
50 Ft. 15-1526											13.95
100 Ft. 15-1527					5						23.95

- (6) Aluminum Ground Wire. Low-cost protection against static build-up. A must for all rooftop antenna installations. 40 ft. of #8 wire. Use with
- (7) Antenna Discharge Unit. Protects against static build-up. For TV and FM rooftop antennas. Solderless connection. 300 ohms. With

mounting	hardware.	15-910.	 3.29	

- (8) Grounding Block. Prevents the build-up of static electricity. For 75-ohm TV/FM antenna
- (9) Ground Rod. Provides a low-resistance path to ground for static electricity. Copperplated, corrosion-resistant, highly conductive.
- (10) TV/FM Antenna Clips. Instant, solderless connection and disconnection of 300-ohm leadin. Set of two. Great for service work and tempo-
- (11) 10 Coax Nail Clips. Insulated nails with clips to secure 75-ohm RG-59 coax cable. For a neat, professional-looking installation every

TV/FM Power Cords, Wall Plates, Connectors and More

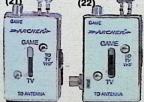


(12) TV Power Cord. 51/2-ft. AC cord. 18 gauge, 2-(13) Private TV Listener. Remote volume control with earphone. 15-ft. cord. 15-587.........5.95

(15) Wall Plate With 75-Ohm Coax and 5-Wire Plugs. Includes mounting hardware. 15-1181 . . 3.99 (16) 75-Ohm Wood-Grain Wall Plate. Includes mounting hardware. 15-1183 3.99 (17) Dual 75 Ohm Coax Wall Plate.

15-1184

(18) Flush-Mount TV/Rotor Wall Plate, For one 300ohm lead. With bracket, plugs. 15-1186 2.99 (19) Polarized Connectors. Prevent polarity reversal when splicing. 15-1199 (20) Plug & Socket. TV or FM.



antenna-type systems, 15-1268 .





Switches for Your TV Video Games And Computer

(22) 300/75-Ohm Antenna Input. 300-ohm TV output. For use with coax and 300-(23) 300/75-Ohm Signal Splitter Switch. Provides 300-ohm output for UHF, 75-ohm output for VHF. Built-in signal splitter, low signal loss. For use with coax or 300-ohm

Add Sets or Combine Leads With Splitters and Couplers

(24) 2-Set Indoor Coupler. Drive two TV or FM sets from one antenna. 300 ohms. 15-1501 2.99 4-Set Indoor Coupler. As above, but drives four TV or FM sets from one antenna. 15-1502 3.89

(25) 2-Set Indoor/Outdoor Coupler. Combines two antenna outputs for one 300-Ohm downlead. 15-1135 . .

300-Ohm UHF/VHF Combiner Splitter. Combines the outputs of a UHF and VHF antenna into one downlead. Also splits a single downlead into UHF/VHF outputs indoors. 15-1137 5.99

(26) Indoor Splitter. Splits UHF/VHF/FM outputs from one 300-ohm downlead. 15-1138 4.99





EVERYTHING IN TV/VCR AND FM ACCESSORIES

indoor 4-Set UHF/VHF/FM Amplified Couplers



Switchable FM Trap Cuts Interference

Mast-Mount TV/FM Signal Amplifier



5995

- Boosts TV & FM Signals Even in Fringe Areas
- m 75 or 300 Ohms

Amplifies signals, not interference picked up by downlead. Resists overload on strong signals. Switchable FM trap cuts interference. Typical gain: VHF, 25 dB; UHF, 20 dB. With hardware, instructions. AC operation. 15-1124 ... 59.95

Indoor FM Signal Amplifier



3995

Boosts FM Signal for Better Stereo Sound

VCR/TV/FM Filter



Cuts CB/Ham Signal Interference

High-pass LC filter installs inline at 75ohm coax input of VCR, TV or FM receiver. Filters out interference caused by CB and Ham radios, 15-579 5.95

Coaxial Inline FM Trap



For 75-Ohm Line

199

TV/FM Extension/Coupler Coax Cable Kit



1495

Replacement Loop Antenna



199

Adjustable For Best Reception

VHF Rod and UHF Bow-Tie



VHF Rod. Replace your broken, bent or missing rod to restore good reception. 38" long. 15-232 3.99

UHF Bow-Tie. Snaps on existing VHF rod, connects to UHF terminals for easy hookup. 15-234 2.99

75-Ohm Variable Attenuator



695 Cuts Signal

Overload

Reduces interference on your TV caused by excessive signal strength. Inline connection to 75-ohm coax. Range, 0 to 20 dB. 15-578 6.95

Interference Filters



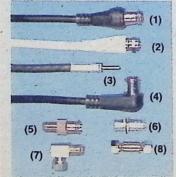
TV/FM Receiver Noise Filter. Reduces TV/FM interference caused by CB and Ham radio transmitters. Attaches to 300-ohm terminals. 15-581. 9.95

TV Interference Filter. Cuts appliance or neon light static. Attaches to 300-ohm TV antenna terminals. 15-582 2.99

Matching Transformers



TV Coaxial Cable Assemblies, Connectors and Adapters

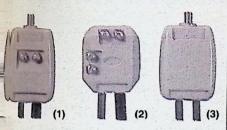


For Superior-Quality Television Performance

Now Over 850 Radio Shack Stores in Canada-We're Near You

SUPER RECEPTION STARTS WITH SHACK HOOKUPS

VCR/TV Signal Splitters

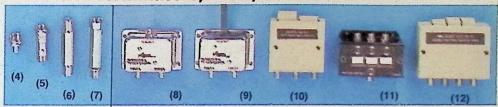


(1) VCR/TV Antenna Splitter, One 75-ohm input to one 75-ohm output for VHF and one 300-ohm output for UHF/FM. 15-1252 4.95

VCR/TV Antenna Splitter. (Not shown). 75-ohm input to separate 300-ohm outputs for UHF, VHF and FM. With matching transformer, 6-foot cable and push-on "F" connector. 15-1524 8.95 (2) VCR/TV Antenna Splitter. 300-ohm input. One 75-ohm output for VHF and one 75-ohm output for UHF/FM. 15-1251 4.95

(3) VCR/TV Signal Splitter. 75-ohm input. Provides separate 75-ohm outputs for VHF and UHF.

VCR/TV Terminators, Block, Attenuators and Switches



(4) Terminating Resistors. "F"-type 1/2-watt, 75 ohms. Terminates unused outputs of 75-ohm splitters and distribution amps to prevent interference and "ghosts".

(9) VCR/TV/FM Switch. Like figure (8), but with 300-ohm output and two switchable 75-ohm inputs. 15-1250 . . 5.95

(5) 75-Ohm DC Block. Protects video equipment against DC voltages from line-powered equipment. 15-1259 2.29

(6) Inline 6 dB Attenuator. 75 ohms. "F" female connectors on each end. Reduces interference caused by excessive signal strength. 15-1258 2.99

(7) Inline 6 dB Attenuator. As above, with "F" male to "F" female connector. 15-1257 2.99

(8) VCR/TV/FM Switch. 75-ohm input. Two 75-ohm outputs. Switches one antenna/VCR between two TV sets or FM receivers. Reversible. 15-1254 4.95

(10) Pushbutton VCR/TV/FM Swltch. High isolation. 75ohm output, two selectable 75-ohm inputs. Reversible. 15-1249

(11) A/B/C Video Switch. Allows one 75-ohm input/output to be connected to any one of three 75-ohm lines at the push of a button. Select TV antenna, cable TV or video player.

(12) A/B/C High-Isolation Video Switch. Pushbutton switch with 75-ohm output, three 75-ohm inputs. Reversible-will also select from three outputs. Includes mounting tape and screws. 15-1248

Signal Amplifiers for VHF, VCR and Cable TV Systems



(13) Inline Coax Amplifier. Place anywhere in signal path. Reduces loss from passive splitters, long cable runs. For UHF/VHF/FMamplifies signals from 5 to 900 MHz. 75-ohm input/output. Add power injector to coax where convenient. AC operation. 15-1117 ... 24.95

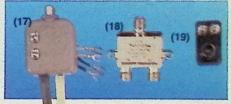
(14) 2-Set Amplified Coupler. Boosts VHF ch. 2-13, FM, mid/superband cable TV to-drive one or two TVs, VCRs or FM receivers. Covers 50-450 MHz. 15/8 x 23/8 x 43/4".

15-1116 (15) 10 dB Booster Amp. For VHF ch. 2-13, FM, mid and superband cable TV. 13/8 x 23/8 x 43/4". 15-1118.......................15.95

(16) 4-Set Amplified Coupler. Boosts VHF ch. 2-13, FM mid and superband cable to drive up to four TVs, VCRs or FM sets. 13/ex 2% x 4%". AC operation. 15-1119.....19.95

Cable television installations are subject to Federal laws and regulations. It is imperative that you obtain the con-sent of your local cable company before connecting these units to a cable television system. (14), (15) and (16) for indoor use only.

Transformers/Splitters

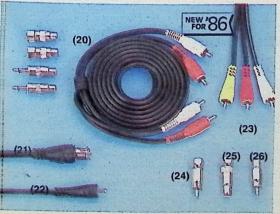


(18) 75-Ohm Splitter/Combiner. Coax downlead to two UHF/VHF outputs. "F"-type connectors. Reversible. Combine two UHF/VHF inputs to one

output. 15-11415.95 4-Set Splitter. (Not shown). 75 ohms. "F"-type con-

(19) VCR/TV Matching Transformer, 300-ohm input. 75-ohm output with push-on "F" connector.

Video Dubbing Kit and VCR Connectors and Adapters



(20) Dubbing Kit, Beta or VHS. Everything for recording from one VCR to another. Works for audio/video or RF dubbing. With two 75-ohm VHF-to-phono jacks, two 1/s" mini-to-phono jacks, dual interconnect cables with phono plugs at each end. 15-15259.95 (21) 2-Foot, 75-Ohm Coax Cable. Male "F"

connector at each end. 15-1533 4.29 (22) VCR Video/Audio Cable. RCA-type jacks on each end. 6-ft.15-1535 6.99 24-Foot, 15-1539

(23) 6-Foot Stereo Audio/Video Cable. Three RCA-type jacks on each end. ... 9.95 15-1537

(24) Male "F" Connector to RCA-Type Phono Plug. 278-253 2.99 (25) Female RCA-Type Jack to Male "F" Connector, 278-255 2.99

RF Modulator Converts Audio/Video for TV Use



Ideal for Connecting Satellite Receivers To Standard TVs

Takes the audio and video signals from AV switchers, computers, video cameras, portable VCRs and satellite receivers and converts them to normal VHF TV

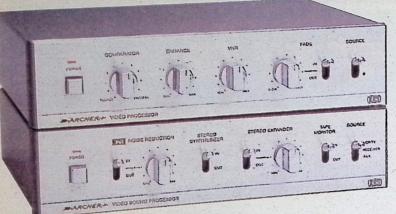
OUALITY COMPONENTS FROM OUR VIDEO SHACK

ARCHER-

MA

MARCHER-

VIDEO SELECTOR



Stereo Compatible Video Processor

NEW '86

Low As \$25 Per Month on Bencharge

Perfect for use with hi-fi/stereo VCRs and TV/monitor systems. Improves picture clarity and reduces video noise, and eliminates "roll and litter" from prerecorded tapes. Enhancer restores picture details lost during dutapes. Enhancer restores picture details tost during du-plication. Variable fader for custom editing. On-screen comparison of processed and original signal. Audiol video inputs/outputs. RF output on channel 3 or 4. 2½ x 9½,6 x 6½. AC operation. 15-1272.... 139,95

Sound Processor With Surround Sound

NEW '86

Creates stereo sound from any sound source, such as a VCR, TV, or satellite receiver. Decodes Surround Sound encoded stereo movies or creates Surround Sound effects for theater-quality realism. Variable expander adjusts the apparent location of stereo sounds, (regular or synthesized). Dynamic Noise Reduction (DNR®) dramatically improves sound quality of any audio source. Tape monitor, tape in/out jacks. 21/4 x 915/16 x 63/8". 129.95 AC operation, 15-1278 ...

DNR is a trademark of National Semiconductor Corp.

Value-Priced 2-Output Video Selector

Makes cable "swapping" a thing of the past. With the flip of a switch you can direct signals from five different inputs to a TV for viewing and a VCR for recording, or to a second TV. Includes inputs for connecting TV antenna, cable TV and VCR, plus two aux inputs for adding a disc player, satellite receiver, computer or second VCR. 75-

4-Output Video/Audio Control Center

NEW 186

Add extra performance and versatility while reducing interference. Switches separate video and audio signals for use with hi-fi VCRs, stereo TVs, processors, video discs and satellite receivers. Inputs for up to two VCRs, video disc player, video/sound processor, plus an aux input. Outputs for TV/monitor, processor and two VCRs. RCA-type phono jacks. 21/4 x 91/8 x 61/8". AC operation.

Amplified 3-Output Video Selector

Separate VHF/UHF amplifiers for main TV, VCR and remote TV inputs maintain isolation and prevent signal loss. This is especially useful when viewing and recording simultaneously. You can direct signals from TV antenna, cable TV and VCR, plus use the two aux inputs for

for the video products department of Radio Shack® stores

LOSS CONTROL CENTER

- **■** Restores Remote **Control Functions**
- Converts VHF, Mid & Superband Cable Channels to UHF



REMOTE

Video Shack[™] Is a service mark of Tandy Corporation/Radio Shack

Lets you watch one TV channel while recording another on your VCR. Also returns tuning to your TV set and VCR, and if you have a remote control, you can use it to control all tuning, including cable channels. Fine-tuning control helps reduce interference and permits reception of "offset" cable channels which may not be receivable on TVs or VCRs with PLL tuners. 2 x 6½ x 3½". AC operation. 15-128139.95

60-Ch. Remote Control Cable Converter





*Low As \$25 Per Month on Bencharge

Prices in Effect at All Radio Shack Stores and are the Maximum at Authorized Sales Centres (DEALERS)

DELUXE VCRs WITH QUICK-TIMER RECORDING



VHS With 14-Day One-Event Timer

Low As \$25 per Month on Bencharge

- 105-Channel Cable-Ready **Tuner With 12 Presets**
- 3 Speeds Records Up To 8 Hours on One T-160 Tape
- 9-Function Wired Remote

Realistic Model 15. Start enjoying prerecorded tapes and the programs anism, quick-timer recording, power-interrupt protection, switchable

you've been missing when you're away from home or watching another tuner/aux input, simple backspace editor, cue/review and high-speed channel. Our lowest priced VCR gives you all the important features you forward/reverse visual search to help find selections, still-frame viewing need for easy, dependable operation: A jam-proof logic-controlled meching in the EP speed. 4% x 16% x 145%. AC operation. 16-504......599.95



Spectacular New Super Beta Hi-Fi

Available December, 1985 Low As \$25 per Month on Bencharge

- 20% More Picture Resolution
- Compatible Also Plays and Records Regular Beta Tapes
- 105-Channel Cable-Ready **Tuner With 16 Presets**

Realistic Model 22. The new Super-Beta system increases video detail by 20 percent for a picture improvement you can really see! And Beta Hi-Fi gives you full-range stereo sound. Simply connect this VCR to your stereo system to enjoy the spectacular audio on Beta Hi-fi prerecorded tapes. You can record the stereo sound of TV/FM simulcasts along with the video. Just flip a switch and you have a long play audio-only recorder that

outperforms cassettes and open-reel. Features include one-touch quicktimer recording, power-interrupt protection tuner/aux input selector for using accessoires without having to switch cables, simple backspace editor for smooth editing as you record. You also get a 13-function wireless infrared remote control, a 14-day, 8-event programmable timer and convenient automatic rewind. AC operation. 16-601 799.95

Video Cassette Cleaners



*TM E.I. du Pont de Nemours & Co., Inc.

VCR Cleaning Kit. So simple to use - no need to open VCR. Loads like an ordinary videocassette, just push play button to clean. It's a completely safe, non-abrasive system that thoroughly cleans all heads, capstan, pinch roller so you get the best performance from your VCR. Special disposable cleaning inserts are pre-moistened with Freon TF* solution and sealed — no guesswork, no spillage. Includes 3 inserts.



Beta and VHS Video Tapes

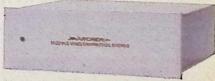
Supertape® Video Cassettes. Performance that you'll continue to enjoy even after multiple recordings and hundreds of playbacks. Our exclusive formula and binder system combined with perfectly aligned and optimally sized magnetic particles give you brilliant, true-to-life color.

(3) VHS T-120 Super-tape Gold HG. A special high grade formulation. 44-410 Each 14.95 (4) VHS T-120.

44-400 Each 11.95 (5) Beta L-500. 44-450 Each 9.95 (6) Beta L-750.

44-475 Each 11.95

"Problem Solver"



■ Multiple Video Distribution System for Multi-TV Homes

Combines signals from antenna/cabi TV and up to three other sources with channel 2, 3 or 4 output. Sends all the signals through a single coax cable to the other TV sets in your home. Antenna/cable channels are selected as usual - other sources are received on UHF. Example: Someone can watch a video tape in the bedroom, another per-son can watch cable TV in the den, while you enjoy satellite TV in the living room! AC operation. 15-128479.95

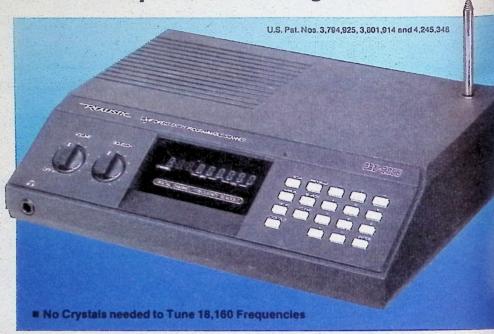
REALISTIC SCANNERS BRING YOU THE ACTION

8-Channel Programmable Scanner Features Direct Entry Keyboard For Instant Access to Any Channel — As Easy to Tune As Dialing A Phone

299⁹⁵

Low As \$25 Per Month on Bencharge

Realistic PRO-2009. Hear action, trains, Hams, weather broadcasts, public service and much more. With direct entry system all you do is call up the frequency you want to hear or use the automatic scan and search button to find exciting new channels. There's also a battery protected memory that stores up to eight of your favourite channels for constant scanning. Two second scanning delay means you don't miss any callbacks. Features channel lockouts, squelch control, built-in speaker, fluorescent frequency/ channel display. Covers VHF-Lo/Hi 30-50 and 148-174 MHz, Ham 144-148 MHz and 410-450 MHz; UHF-Lo/Hi 450-470 and 470-512 MHz. Whip antenna, external antenna jack. 2% x 10½ x 8". AC operation. Memory backup requires 9V. 20-109... 299.95



Take The Action Wherever You Go With These Portable + Scanners

(1) Realistic PRO-25. Automatically scans up to eight channels on five bands — VHF-Lo 30-50 MHz, VHF Aircraft 118-136 MHz, VHF-Hi 138-164 MHz, UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. Features scan-delay individual channel lockout, squelch control for noise-free monitoring and built-in speaker. Requires 4 "AA" cells or AC or DC adapter and one crystal for each channel.

Crystals. Specify frequency Each 9.95
120VAC AC Adapter/Charger. 20-189 8.95
12VDC Universal Adapter, 270-1560 14.95

With Two Antennas For Best Results

Telescoping-type for optimum range.

Short "rubber ducky" for close quarters.





HOME/CART PROGRAMMABLE SCANNERS



Bencharge Revolving Credit* See Page 3



U.S. Pat. Nos. 3,794,925, 3,801,914 and 4,245,348

Our Finest! 60 Channels for Home and Mobile: Use

569⁹⁵

*Low As \$25 Per Month on Bencharge

■No Crystals Needed ■20,584 Frequencies ■Hear Public Services, Standard FM Broadcasts

20 Channels for the Excitement Of All-Band Listening

439⁹⁵

*Low As \$25 Per Month on Bencharge

No Crystals Needed! Hear Ham, Action, Weather and Aircraft

Realistic PRO-2020. Features direct keyboard entry, search and scan in two speeds, scan delay and individual channel lockouts. Zeromatic⊚ circuitry for precise tuning on all bands—VHF-Lo 30-50, 138-148 MHz, VHF-Hi 148-174 MHz, VHF-Hi 108-136 MHz (AM), UHF-Lo 410-470 MHz and UHF-Hi 470-512 MHz. Big fluorescent readout, built-in speaker, and jacks for headphones, external speaker, antenna, tape recorder. 25€ x 71/2 x 97/6". With mobile mounting bracket. AC operation (or DC adapter, extra). Memory backup requires 9V cell. 20-112. 439-95



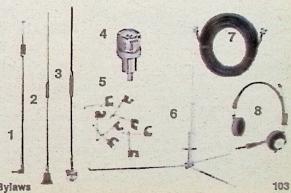
U.S. Pat. No. 3,794,925

Antennas and Accessories for Best Reception

(1) Indoor VHF/Air/UHF Plug-In Antenna. Center-loaded. Extends from 16" to 40". Motorola-type plug. 20-161 15.95

(4) Coax Adapter. Adapts PL-259 connector to Motorola-type plug. 278-208 . . 2.99

(5) Coax Clips. For RG58/U. 20-192 Pkg. of 10/1.29



COMPACT PORTABLE PROGRAMMABLE SCANNERS

Keyboard Access to 22,363 Frequencies

Low As \$25 Per Month on Bencharge



- Frequency Synthesized—No Crystals to Buy
- 30-50 MHz VHF-Lo 50-54 MHz Amateur
- 138-144 MHz

10-Channel Take-Anywhere Scanner With

- 144-148 MHz Amateur 148-174 MHz VHF-Hi
- 380-450 MHz Ham
- 450-470 MHz UHF-Lo 470-512 MHz UHF-Hi

Realistic® PRO-31. Hear action, trains, Hams and a whole lot more on this microprocessor-controlled scanner. Its compact size allows it to go anywhere you do, and with direct keyboard frequency entry, you'll never have to buy crystals! Just punch in the frequency you want and sit back and listen. Scan up to 10 of your favourite channels continuously. Two-second scan delay for each channel prevents missed replies. Bypass temporarily unwanted channels with the lockout feature. Large LCD display shows channels and frequencies being scanned, monitored or programmed as well as the status of the channels. Frequency-tracking front end assures top sensitivity on all bands. Squelch control eliminates noise between calls and between channels while scanning. Built-in speaker, earphone jack, jack for long-range external antenna. A special circuit

Our Best Portable Scanner! Direct Keyboard Access To 23,684 Frequencies—No Crystals to Buy



ZEALISTIC

Hear 16 Channels Including Action, Aircraft, Hams and More

Low As \$25 Per Month on Bencharge

- 30-50 MHz VHF-Lo
- 50-54, 144-148 MHz Amateur
- 108-136 MHz (AM) Aviation
- 138-144 MHz .
- m 148-174 MHz VHF-Hi
- 380-450 MHz Ham
- # 450-470 MHz UHF-Lo
- # 470-512 MHz UHF-Hi

Realistic PRO-30. You'll hear all the action with this full-featured, microprocessor-controlled scanner Realistic PRO-30. You'll hear all the action with this full-featured, microprocessor-controlled scanner with extended frequency coverage in a hand-held size. Scan up to 16 of your favorite channels continuously, or search a selected frequency range for new or unpublicized channels. Scan and search in two speeds. Two-second scan delay, selectable for each channel, prevents missed replies. Lockout feature bypasses temporarily unwanted channels. Key-lock switch prevents accidental listening or programming disruptions. Big LCD display shows channels and frequencies being scanned, monitored or programmed as well as the status of the channels. Priority function monitors your favorite frequency while you listen to others. The scanner will automatically switch to the priority channel when a call is received on it. Frequency-tracking front end assures top sensitivity on all bands. Squelch control eliminates noise between calls and between channels. Built-in speaker, earphone jack for private listening, jack for long-range external antenna. With flexible antenna. 71/2 x 215/16 x 113/16 f. Requires 6 "AA" cells or AC or DC adapter. Memory backup requires 3 silver-oxide cells. 20-131 . . 419.95 "AA" cells or AC or DC adapter. Memory backup requires 3 silver-oxide cells. 20-131 ...419.95



U.S. Pat. No. 3,794,925

MULTI-BAND/SHORTWAVE PORTABLES

Endre /hock

Bencharge Revolving Credit* See Page 3

Portable 9-Band World Communications Receiver

14995

Hear it All—FM,AM, International Longwave Broadcasts Plus Six Exciting Shortwave Bands



Our Portables Tune You In to the Action Anywhere

Air, 3 Shortwave, Plus AM and FM Bands

9995

108-136 MHz VHF-Air, 3-6.5 MHz, 6.5-13 MHz, 13-26 MHz, AM & FM

Realistic DX-66. Six bands! Tune in worldwide SW VHF-air or AM and FM. All-band fine-tuning, automatic AC-to-battery switching, FM AFC, 4" speaker, 1/4" headphone jack. 10% x 12 x 4". AC operation (or 4 "C" cells, extra).



Emergency, Air, Shortwave, AM, FM

149⁹⁵

*Low As \$25 Per Month on Bencharge

VHF-Hi, VHF-Lo UHF, 6-18 MHz SW, Standard AM, FM

Patrolman® SW-60. Hear emergency, aircraft, foreign stations, VHF weather and more. All-band fine-tuning, AC-to-battery auto-switching, ¼" headphone jack. 10½ x 12 x 4": AC operation (or 4 "C" cells, extra). 12-779 . .149.95



TREASUNTS.

Sensitive Pocket AM/VHF-Air



24⁹⁵

Take it Along To Air Shows

Jetstream®. Hear exciting aviation transmissions on the 108-135 MHz band or listen to AM stations. 21/2" speaker. With earphone. 43/4 × 27/8 × 15/8". Requires 9V cell. 12-601 . . 24.95

Worldwide Shortwave On 3 Bands, Plus AM/FM



79⁹⁵

Tunes, 3-6.5 MHz, 6.5-13 MHz 13-26 MHz, AM and FM Bands

Realistic DX-65. Hear exciting worldwide broadcasts plus standard AM and FM. Built-in AFC. SW band fine-tuning control, 3½" speaker, tone control, AC-to-battery selector switch. With earphone.7½, x11 x3". AC operation (or 4 "C" cells, extra). 12-78279.95



EVERYTHING YOU WANT IN PORTABLE RADIOS









PortaVision®

AM/FM/TV-Sound Low As 3995

(1) Realistic Pocket PortaVision With VHF-TV Sound. Ceramic filter cuts signal interference on FM and TV channels 2-13. 21/4" speaker. With earphone, AC adapter jack. 6×31/2×13/4".

(2) Realistic PortaVision-65 With VHF-TV1/TV2 Sound. Full-range 4" speaker, AC/battery switch, wide slide-rule dial. With earphone. 81/8 x 101/2 x 3". AC operation (or 4 "C" cells, extra). 12-64859.95



Mity-Thin® Personal FM Receiver

NEW '86

39⁹⁵

The Size And Thickness Of a Credit Card!



Affordable AM/FM Pocket Portables

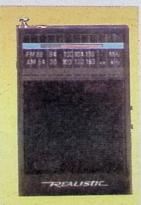
Each Includes an Earphone for Private Listening

(7) Handy shirt pocket size and a ruggedized molded case that takes the hard knocks of day in and day out portable use. Side-mounted rotary controls allow easy one-hand operation. Easy-tune slide-rule dial, 21/4" speaker. 55/16 × 215/16 × 13/16". With earphone and wrist strap. Requires

2495

22⁹⁵

19⁹⁵



IC-Design Micro AM/FM

29⁹⁵



Only 21/3 × 37/12 × 7/12"

Available Nov. 15, 1985

Fits in the palm of your hand, yet it has really good sound thanks to an integrated circuit that outperforms ordinary designs. Built-in AFC-FM, slide-rule dial, 11/2" speaker. Rotary tuning and volume controls. Earphone jack. Requires 2 "AAA" cells. 12-124 ... 29.95

TAKE GREAT AM/FM SOUND WITH YOU ANYWHERE

Mini AM/FM Stereo Portable



Only 11/4"
Thin!

NEW '86

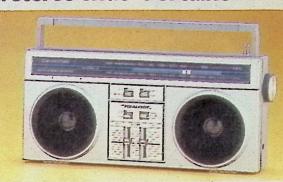
Realistic Stereo-Mate". Balance control, FM-AFC, stereo/mono switch, FM stereo LED, 3" speakers. 1/s" tape-in and headphone jacks. Metal braid carry strap. 4×101/2×11/4". Requires 4 "AA" cells, AC or DC adapter. 12-705 . 49.95 DC Adapter. 14-844 8.95 AC Adapter. 273-1454 8.95 Available Oct. 15, 1985

AM/FM Stereo-Wide® Portable

NEW '86

Stereo-Wide **Expands Depth** And Separation

Avail. Oct. 15, 1985



Realistic Concertmate®. Stereo-Wide gives you enhanced realism from the 3½° speakers. Automatic AC-to-battery switching if power fails, tone control, slide-action left and right channel volume controls, built-in AFC and a loudness switch for rich sound even at low volume. ½ headphone jack. ½ x 12½ x 3°. AC operation (or 4 "C" cells, extra). 12-70669.95





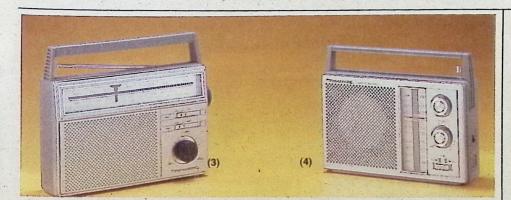
High-Performance Full-Size Portables

Low F095 = Featured-Packed As

Battery or AC

(1) Features AFC that keeps strong FM stations locked in, switches "out" to receive weak stations adjacent to strong ones. 4" speaker, tone control, fold-down handle. 7½ x 10½ x 27/8". Earphone. AC operation (or 4 "C" cells, extra). 12-625 59.95

(2) Our finest AM/FM portable has tuned RF amplification to pull in more stations, and full 1-watt power and 51/4" speaker for remarkable sound. Separate bass and treble controls, loudness control for enhanced bass at low volume, AFC-FM. 115/8 x 121/4 x 4". With earphone, fold-down handle. AC opera-tion (or 6 "D" cells, extra). 12-650..89.95



Full-Size AM/FM **Portables**

Radio Shack For Your **Battery Needs**

For radios on this page, and all your battery operated equipment, Radio Shack has a full assortment of batteries in a range of sizes and prices. Whatever you need, we've got. See page



FUN RADIOS-MAKE PEOPLE STOP, LOOK & LISTEN

NEW '86

Futuristic "Radio Bot"



NEW '86

His Arms Are Movable

Colorful "futurized" AM radio with side-mounted rotary tuning and on-off/volume controls. Hidden frontmounted 11/2" speaker. Stands 8" high. Vinyl carrying strap. Requires 9V cell, 12-901 14.95

"Transistor" Radio With Headphones



"Fun-tastic" AM Entertainment

This portable personal receiver fits in a pocket. Top mounted volume and AM tuning controls. 33/4" high. Requires 9V

cell. 12-903 16.95

Portable AM Receiver and Headphones

Personal AM receiver fits in shirt pocket or clips to your belt. Sidemounted rotary tuning and volume control. V₈" headphone jack. Requires 9 volt cell. 12-10614.95



Hear AM Radio With Cabbage Patch Kids®



NEW 186

Add this AM radio to your Cabbage Patch collection. 2" speaker, rotary on-off/volume control, carry strap. 4" high. Requires 9V battery. 12-904 12.95 @1984 Playtime Products Inc.

AM/FM Radio Looks Like a Pepsi® Soft Drink Can



Pours Out Good Music

Trademark Pepsi-Cola Co.

Music for a new generation! On-off/

Our Delicious Flavoradios®



Kids just love these bright and colorful pocket AM radios. Sidemounted volume and tuning controls. With earphone. 35/8×23/4×11/2". Each requires 9V cell. 12-166 9.95

Our Budget Pocket Radio



Small on price, big AM radio value. 21/2" speaker, earphone. 4x 29/16 x 13/8". Requires 2 "AA" cells.

12-177 8.95

Bike Radio With Horn



3" Safety Reflector



Archer Road Patrol®, Mounts on most handlebars. AM radio removes easily, bracket stays on bike, 21/2" speaker, 31/2 x 51/4 x 37/8". Requires 3 24.95 "C" cells. 12-197



Snoopy

America's favorite puppy is ready to play for you. AM radio is hidden inside, controls are on back. Requires 9V cell. 12-991 22.95 ©1958 United Feature Syndicate, Inc.

Hey Kids! Plush, Pettable Animal Radios

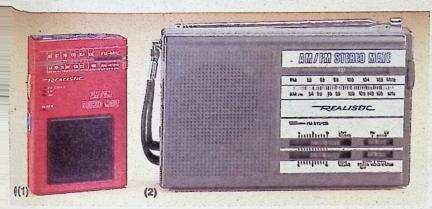


95 NEW 86 Furry little friends that kids love! Built-in radios with external controls. Require 9V battery.

Fig.	Description	Cat. No.	Each
1	Furry Fox AM/FM	12-990	29.95
2	Teddy Bear AM	12-989	22.95
3	Spaniel AM	12-979	22.95
4	Cuddly Cat AM '	12-983	17.95

STEREO-MATE® PERSONAL TAKE-ALONG RECEIVERS

AM/FM Stereo With Built-In Speakers



INEW '86

39⁹⁵

4495

- Listen to Stereo With Headphones or to AM/FM Through Built-In Speaker
- Slide-Rule Tuning Dials m Easy-to-Use Tuning and Volume Controls

(2) Personal Size. Big slide-rule dial, stereo/mono switch, dual volume controls, FM stereo ILED, 2¼" speaker. 43/₈ x 7 x 1½". Requires 4 "AA" cells, headphones. 12-117 .44.95 DC Adapter. 273-1454 8.95

AM/FM Stereo Receiver

NEW 186

29⁹⁵

Available Nov. 15, 1985





- Lightweight Stereo Headphones Included
- Separate Right and Left Slide Volume Controls

AM/FM Stereo Headset Radio



Pocket-Size Personal Receivers



¥86(**24**95

3495



186 46°5

Ultra-Thin Design Makes Them Ultra-Portable and Lightweight

(3) FM Stereo. Only $^9/_{16}$ " thick. Left/right slide volume controls, built-in AFC. $4\times2\%\times9/_{16}$ ". Requires 2 "AAA" cells and headphones. 12-107...24.95

(5) AM/FM Stereo. Our best performing personal receiver! Built-in FM-AFC. Removable belt clip. 41/s×21/4×9/1s". Requires two "AAA" cells and headphones. 12-120. 46.95



complete selection

UNIQUE, COMPACT AND RELIABLE RADIOS

Pocketsize Weatheradio Clock Radio in a Compact **Cube Fits in Small Places**

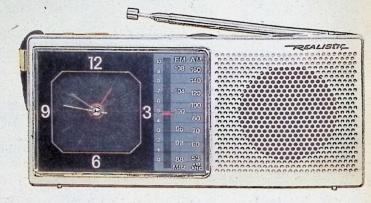
Compact Value-Packed AM/FM **Quartz Travel Clock Radio**





- Cube is only 43/8" square
- HI/Lo LED Dimmer Switch

Chronomatic@-241. A real space-saver, yet it includes features found in our bigger models. Display has p.m. indicator, onebutton alarm reset, 1-hour/59-minute sleep and snooze functions. Radio has 2½" speaker slide-rule dial. 0.6" display.



- Built-in AFC for Best Reception
- Wake to Radio or "Beeper" Alarm

Chronomatic-242. Compact - packs easily for trips, and the alarm is great as a backup for wake-up calls. It's also a great

it's crystal controlled for driftfree reception and has an RF amplifier for up to 50-mile range. Telescoping antenna. 414 x 234 x 1". Requires 9V cell.

■ Great for Travellers

and Outdoorsmen

It's tiny, so it goes anywhere, yet

Handsome Table Radio Entertainment for Any Room, Anywhere

(1) Compact AM Radio

A companion for kitchen, utility room, garage. Transformerless audio and 3" speaker deliver surprisingly good sound. Simulated-walnut molded case. 4½ x 85/8 x 3½". AC oper-

(2) Compact AM/FM Radio

Realistic MTA-8. It "thinks" it's a hi-fi with its 4" speaker, tone control, lighted dial and terminals for external FM antenna. IC audio output stage for superb sound. Walnut vinyl. 6 x 10% x 4". AC operation. 12-68959.95

(3) Deluxe AM/FM Radio

Realistic MTA-11. Big 61/2" speaker for rich room filling sound. Lighted dial, tone control, external-FM antenna terminals, simulated rosewood finish, 8%x13%x5". AC operation.



Make it Realistic for the Sounds of Your Life

EXTRA-FEATURE AM/FM CLOCK RADIOS



Bencharge Revolving Credit* See Page 3

Our Best! AM/FM Stereo Cassette Clock Radio

Battery Backup maintains time function if AC fails.

Battery Sentinel¹¹ LED shows when battery needs replacing

14995

*Low as \$25 Per Month on Bencharge

- Two 4" Speakers End-of-Tape Auto-Stop
- Stereo-Wide™ Adds Extra Depth to Sound

Realistic Chronosette¹¹-237. Imagine! You can wake to stereo tape, FM stereo, AM or an alarm. Records stereo off-the-air or "live" if you add mikes. Sleep switch lets you record up to 1-hour/59-minutes while you're away then shuts off automatically. Cassette has pause, counter and auto-level recording. Aux input for adding a record changer with ceramic cartidge. Has 0.6" LED display with hillo brightness, fast-forward/fast-reverse buttons for easy time/alarm setting. 1/8" mike jacks. Simulated walnut. 6 x 12½ x 6½". AC operation. 12-1543.



Big-Value AM/FM Stereo Clock Radio With Built-In Cassette Recorder

With Battery Backup And Battery Sentinel



119⁹⁵

- Records Directly Off-the-Air or "Live" When You Add Microphones
- Wake to Tape, Radio or Alarm
- Two 3" Speakers



Dual-Alarm AM/FM Stereo Clock Radio With Fast/Slow Time-Setting

Battery Backup maintains time function if AC fails.

Battery Sentinel LED shows when battery needs replacing.

8995

Available Oct. 30, 1985

- Rotary Balance Control Hi/Lo Tone Switch
- FM Antenna Terminals LED Time Display
- Two Side-Mounted 3" Speakers

Realistic Chronomatic-246. Start each morning with radio or buzzer alarm. Built-in Stereo-Wide™ enhances sound. Dual alarm accommodates two different wake-up schedules. Separate off-radio-buzzer control for alarm 1/alarm 2. Forward/reverse controls make clock and alarm setting fast and easy. Snooze and 1-hour/59 minute sleep controls, p.m./wake/FM stereo LEDs. ¹/s² stereo headphone jack for private listening. Simulated walnut. 4 x 12¾ x 6¾. AC operation. 12-1553



AM/FM CLOCK RADIOS-OUR EASIEST TO USE EVER









Dual Alarm With Large LED Display

6495

NEW 186

Alarm Settings for Two Wake-Up Times

(1) Chronomatic®-244. Versatile bedside companion wakes you to AM, FM or alarm. Has a big 0.9" display that can be seen at a glance from across the room, a snooze button for a few extra winks, and a sleep switch to doze off to music for up to 59 minutes. Fast/slow forward/reverse time-set controls, hi/lo dimmer, p.m. and dual-wake LEDs. Radio has slide-rule tuning dial, 3" speaker, earphone jack. 3 x 10½ x 5½". AC operation. 12-1551.....64.95

Slim Styling With Red LED Display

59⁹⁵

- Dual Alarm Settings Snooze
- Forward and Reverse Time-Set

Low-Cost Compact With Dual Alarm

5495

NEW '86

Forward and Reverse Time-Set Controls

Available October 1985

(3) Chronomatic-248. Fits on nearly any table or shelf and wakes you to your favorite AM or FM station. Dual alarm settings make it ideal for today's working couples. With snooze button, 1-hour/59-minute sleep control for dozing off to music, LED p.m. and dual-wake indicators, hi/lo display dimmer switch. Radio has rotary tuning and volume controls, 3" speaker and earphone jack. 0.6" LED display. $2V_2 \times 8^5/_8 \times 5$ ". AC operation. 12-1555 . .54.95

Our Lowest Priced LED Clock Radio

4995

- Fast/Slow Time-Set Controls
- 59-Minute Sleep Function

(4) Chronomatic-238. Built for high accuracy and long-term dependability to wake you on time, every time. Features a top-mounted snooze bar for catching a few extra winks after the radio/buzzer alarm has sounded, LED p.m. and wake indicators, plus sleep control for dozing off to AM or FM. Radio has 3" speaker, slide-rule tuning dial, rotary volume and tuning controls. 0.6" display. 21/2×85/8×5". AC operation. 12-1545



Battery Backup System

Protects time function, without display, for up to 8 hours and alarm for up to 10 minutes, during AC power failures.



Battery Sentinel

Front-panel red LED Indicator lights up when it's time to install or replace battery—fall-safe design.

ALL WITH BATTERY BACKUP/BATTERY SENTINEL®

Fluorescent Display—Dual Alarms

NEW '86

Alarm Settings for Two Wake-Up Times 69⁹⁵

(5) Chronomatic-245. Everything you need at bedsidel Features dual alarm settings for two different wake up times, snooze button and 59-minute sleep switch. Fast/ slow forward/reverse time-set controls, hi/lo display dimmer switch, p.m. and dual-wake LEDs. Radio has slide-rule tuning dial, 3" speaker and earphone jack. 0.6" display. 3 x 10½ x 5½". AC operation.

Simplified Direct-Input Controls

"Human-Engineered" — You Can't Buy an Easier-to-Use Clock Radio 6495

(6) Chronomatic-232. Soft-touch front-panel controls make this our most convenient clock radio everl Fluorescent display dims automatically when light changes. Features a sensor-type snooze—just touch it for a few extra winks. Display has indicators for a.m/p.m., sleep and alarm. 1-hour/59-minute sleep control. Radio has lighted dial, hi/lo tone switch, 3" speaker, earphone jack. 0.6" display. 2½ x 9½ x 5½". AC operation. 12-1539 .64.95

Dual Alarm Fluorescent Display

NEW 186

AM/PM/Dual-Wake LED Indicators 62⁹⁵

Available Nov. 1985

(7) Chronomatic-249. Rise 'n shine on time every day with AM/FM radio or alarm. Dual alarm settings let you set two different wake up times. Snooze gives you extra sleep after alarm has sounded. 1-hour/59-minute sleep control lets you doze off to music. Fast/slow forward and reverse time-set controls, hi/lo display dimmer. Radio has 3" speaker and earphone jack. 0.6" display. 21/2 × 91/2 × 51/2". AC operation. 12-1556

Value-Priced With Popular Features

NEW '86

Nov. 1985

Fast/Slow Time-Set 52⁹⁵

LED With Built-In Phone Cradle

Convenient Cradle Holds Most One-Piece Telephones 56⁹⁵



POWERFUL, LONG-LIFE BATTERIES FOR EVERY USE



Premium-Quality Alkaline Batteries for The Long-Lasting Power You Need

- Our Best, Longest Lasting Non-Rechargeable Batteries
- Long Shelf Life High Output at Low Temperatures
- m Anti-Corrosion Contacts m Steel-Clad and Insulated

Each of our exclusive alkalines delivers top performance even under high current drain and retains full power during long-term storage. For all standard uses.

Ein	Cell	Re	eplacement fo	rana and	Cat.	0
Fig.	Туре	Ray-O-Vac	Eveready	Duracell	No.	Price
1	C	814	E93	MN1400	23-551	Pkg. 2/2.99
2	9V Rect.	A-1604	522	MN1604	23-553	Each 2.99
3	"AA"	815	E91	MN1500	23-552	Pkg. 4/4.69
4	D.,	813	E95	MN1300	23-550	Pkg. 2/3.29
5	"AAA"	824	E92	MN2400	23-555	Pkg. 2/2.39
6	N	810	E90	MN9100	23-023	Pkg. 2/2.99

Rely on These Quality Hearing Aid Battery Packs



(7) Mercury-Powered Packs-1.4V

Į	Radio	1000	Replace	S	0-1	
	Shack	Ever- eady	Ray- 0-Vac	Dura- cell	Cat. No.	Price
۱	13M	EP675 E13E E312E	R13	MP675H RM13 RM312H	23-145 23-146 23-148	Pkg. 6/4.49 Pkg. 6/4.49 Pkg. 6/4.49

(8) Air-Activated Packs-1.45V

Radio	10000	Replace	5	0-1	
Shack	Ever- eady	Ray- O-Vac	Dura- cell	Cat. No.	Price
675HP 13HP 312HP	AC675E AC13E AC312E		DA13	23-157 23-158 23-159	Pkg. 3/3.69 Pkg. 3/3.69 Pkg. 3/3.69

Alkaline Calculator Batteries for Extra Performance

Only 99¢ Eac

Protected from leakage with exclusive sealing design. Long-life for peak performance 1.5V.

Radio		Replaces		Cat.	Each
Shack	Eveready	Ray-O-Vac	Maxell	No.	cacn
357A 386A 389A 391A	A76 186 189 191	.RW89		23-116 23-117	.99





ENERCELL® Watch and Calculator Batteries

- **Extra Protection Against Leakage**
- Keep Working Longer and Harder.

Power for your watch or calculator for a long, long time before replacement is required! Store at room temperature for long life.

Radio			Replaces		Cat.	
Shack	Eveready	Ray-O-Vac	Duracell	Other	No.	Each
76 389 392 393 303	EPX76 389 392 393 303	RW22/42 RW49 RW27/47 RW28/48	D357 D369 D392 D393 D303	G13, 541 G10, V10GS G3, 547 G5, 546 GS14, 521	23-009 23-101 23-102 23-103 23-104	2.69 1.99 . 1.29 2.69 2.99
357 386 391 323 343	357 386 391 323 343	RW22/42 RW24/44 RW40 RW58 RW56	D357 D386 D391 D323 D343	G13, 541 G12, 548 G8, V8GS Type C, 506 Type B, 509	23-105 23-106 23-107 23-108 23-109	2.99 2.69 1.89 1.59 1.89
362 364 396 399 P675	362 364 396 399 EP675	RW310 RW320 RW411 RW413 RP675	D362 D364 D396 MP675	Type S, 532, SR721 Type T, 531, SR621 Type V, 556, SR726 Type W, 543, SR926 8107, M13	23-110 23-111 23-112 23-113 23-1521	1,99 1,99 1,99 1,99 1,49

Lithium Watch And Calculator Batteries

High Leakage Resistance

Lightweight, high-voltage, high energy-density power with long shelf life, 3V.

Radio	des s	Replaces		Cat	Each
Shack	GE	Eveready	Duracell		Each
CR2016H CR2025 CR2032	CR2016 CR2025 CR2032	E2025	DL2016 DL2025 DL2032	23-161	2.39



Pager Batteries

Low 269

(9) Zinc-Air technology—for power when you need it. 1.45V. 23-150 Pkg. of 2/2.69 (10) Rechargeable, nickel-cadmium. 1.3V. Type 6965.

23-151 ...



ENERCELL® BATTERIES FOR LONGER LASTING POWER



ENERCELL Extra-Life Batteries for Heavy-Duty Applications

- "Miracle Seal" Provides Greater Leak Protection
- Up to 3 Years Shelf Life Rigid Steel Case
- Stock Up Now—Be Prepared for Emergencies

These heavy-duty Extra-Life cells outperform "regular" batteries and their specially-processed electrolyte core provides a longer service life. That means fewer replacements!

	Cell	Replace	ment for	Cat.	
Fig.	Туре	Ray-O-Vac	Eveready	No.	Price
-1	6V	944	1209	23-016	7.99
2	"D"	6D	1250	23-580	.79
3	"C"	4C -	1235	23-581	.69
4	9V Rect.	D1604	1222	23-583	1.49
5	"N"	810	E90	23-585	.39
- 6	"AAA"	400	912	23-584	.44
7	"AA"	5AA	1215	23-582	.54

Battery Card



Join our Battery-A-Month Club and get one D, C, AA or 9V General-Purpose ENERCELL battery each month for a year Nothing to buy, no obligation! Come get your free card! It can save you up to \$9.48. At Radio Shack stores and participating dealers. 6V lantern excluded.

Reliable Batteries for **General-Purpose Uses**

- Cost Less Than Most Brands
- Protected Against Leakage ■ Always Fresh and Strong

Our most popular batteries! Compare and you'll see what a great value they really are.

C-	Cell	Replace	ment for	Cat.	34.0
Fig.	Type	Eveready	Ray-O-Vac	No.	Price
8	C.,	935	14	23-467	.44
9	D	950	13	23-466	.49
10	6V	509	941	23-006	4.99
11	9V Rect.	216	1604	23-464	.79
12	"AA"	915	15	23-468	.34



Easy-to-Use Battery Checkers



Low As 699

- For All Popular Sizes
- **Easy-to-Read Meters**

(13) Handy Checker. For D/ C/9V/AA/AAA/N sizes. Tests zinc-carbon, alkaline, mercury and nickel-cadmium.

22-096 ... (14) Radio Shack Checker. For D/C/9V/AA/AAA sizes. 22-098 6.99

We Have Those "Hard-to-Find" Batteries



For Lanterns, Radios, Smoke Alarms, Cameras and Specialty Items



With Leads For Testing **Non-Standard Batteries**

Measures under actual "load" conditions. Ranges: 1.5 (1mA and 150 mA)/3/6/9/12/15/22.5 volts. For use with carbon-zinc, alkaline, mercury, silver oxide, nickel-cadmium and lithium cells.

	Equivalent Types	pes	Cat.			
Fig.	Volts	Ray-0 Vac	Ever- eady	Dura- Cell	No.	Price
15	12	926	732	M926	23-007	17.99
16	12.6		304116	304116	23-670	15.99
17	6.0	867	539	7K67	23-471	5.99
18	1.4	T640-1	E640	RM640	23-1515	4.59

		Eq	uivalent T	Cat.		
Fig.	Volts	Ray-0 Vac	Ever- eady	Dura- Cell	No.	Price
19	12.0				23-144	1.19
20	6.0	T	A544	PX28L	23-469	7.49
21	1.35		EA13	PX13B	23-470	1.99
22	7.0	T175	E175	TR175	23-601	9.59
23	1.4	T401	E401	RM401	23-660	3.99

ENERCELL' RECHARGEABLE BATTERIES SAVE MONEY



Our Nickel-Cadmium Batteries Recharge Over and Over Again

- Keep Working Long After Other Types Have Worn Out
 - Steel-Clad and Heavily Insulated for High Reliability

Radio Shack's rechargeable ENERCELLS are the ideal power source for battery-operated equipment that you use often. You can recharge them with one of our low-cost chargers shown on this page. Although they are priced higher than standard batteries, nickel-cadmiums actually cost less in the long run because they are reusable.

1	Cell	Cell		Cell		Rep	olacemen	for	Cat.	
Fig.	Type	Volts	Hour	Eveready	GE	Duracell	No.	Price		
12345	"AA" "C" 9-Volt*	1.25 7.2	0.450	CH50 CH15 CH35 CH22 CH12	GC3 GC1 GC2 GC9	NC13 NC15 NC14 NC1604 NC24	23-123 23-125 23-124 23-126 23-127	Pkg. of 2/8.99 Pkg. of 2/6.99 Pkg. of 2/8.99 Each 13.95 Pkg. of 2/6.99		

^{*}Applications

Our Finest Battery Charger

Regulated Charging Rate



"AA" & "AAA" Charger 15⁹⁵

Charges Up Batteries not incl.

Automatically regulated to prevent overcharging. Recharges in 14 to 16 hours. See-through cover. 23-136 15.95

Transistor Battery Charger

Battery not incl.

6⁹⁵

For nickel-cadmium 9-volt batteries only. 23-131 6.95





Recharger for "AA" Batteries

1195

Recharges two or four ''AA''-size nickel-cadmium batteries.



Charger Modules

399

Pkg. of 4 Battery not incl.

Each holds one nickelcadmium "AAA" cell. For use with our 23-132 and 23-134 chargers. 23-135 4/3.99

HI-CAPACITY Nickel-Cadmiums Give You More Service Between Charges



New Heavy-Duty Design For Extra-Long Life

Low 1099

NEW '86

Avail. Oct. 30, 1985

- Outperform Regular Nickel-Cadmiums
- Ideal When Dependability is a Must

Radio Shack's new Hi-Capacity nickel-cadmium cells will power your device much longer than regular nickel-cadmium cells before they need recharging. They can be recharged in our Hi-Capacity nickel-cadmium charger, shown at right.

Fig.	Cell Type	Volts	Amp. Hours	Cat. No.	Each
6 7	"D"	1.25	4.0	23-140 23-141	11.99

Charger for HI-CAPACITY Batteries Charges Up to



Batteries not incl.

Available 10/30/85

ARCHER® LAMPS, ASSEMBLIES, BATTERY HOLDERS

Long-Life Incandescent Lamps



-	Volts	mA	Type	Base	Cat. No.	Pkg. of	Price
	1.5 2.25 2.33 2.38 2.47 3.57	25 250 270 500 300 500	222° PR-4 PR-2 14 PR-3	Leads E-10 Threaded Flange Flange E-10 Threaded Flange	272-1139 272-1124 272-1122 272-1120 272-1132 272-1121	1 2 2 2 2 2 2 2	1.29 1.19 1.19 1.19 1.29 1.19
	4.75 4.8 5.95 6.0 6.0	500 500 500 25 100	PR-13 PR-15 PR12 T13/4	Flange Flange Flange Leads E-5 Threaded	272-1151 272-1125 272-1123 272-1140 272-1142	2 2 2 1 2	1.39 1.19 1.19 1.29 1.39
	6.3 6.3 6.3 6.3	250 150 150 150 150	44 47 1847 40 130	Bayonet Bayonet Bayonet E-10 Threaded Bayonet	272-1108 272-1110 272-1115 272-1128 272-1155	2 2 2 2 2 2	1.19 1.19 1.29 1.29 1.39
	6.3 6.3 7.5 7.5 8.0	250 250 220 220 300	46 259 51 50 T-3	E-10 Threaded Wedge Bayonet E-10 Threaded End Cap.	272-1130 272-1152 272-1113 272-1133 272-1136	2 2 2 2 2	1.29 1.59 1.19 1.39 1.99
	12.0 12.0 12.0 12.0 14.0	15 CP 75 25 250 270	93 + T-13/4 T-3 194	Bayonet E-5 Threaded Leads End Cap Wedge	272-1116 272-1143 272-1141 272-1137 272-1126	1 2 1 2 2	1.49 1.39 1.29 1.99 1.59
1	14.0 14.0 14.0 14.0 14.0	230 200 200 200 40	1891 1815 1487 52 1819	Bayonet Bayonet Threaded Threaded Bayonet	272-1112 272-1118 272-1134 272-1127 272-1119	2 2 2 2 2 2	1,19 1.19 1.29 1.59

^{* =} Pre-Focus Penlight Type. + = Hight-Intensity



Neon Lamps

Operate from 70 volts and up. Use resistor value for 120 VAC use.

Туре	Watts	Series Resistor	Cat. No.	Pkg. of 2
NE-2H*	1/25	220k 22k	272-1101 272-1102	1.09

^{&#}x27;High brightness

These incandescent bulbs are ideal for use in doll houses, model railroads, hobby projects. One each: yel-

Voltage	Cat. No.	Pkg. of 3
6.	272-1098 272-1099	1.19

Only Pkg. of 3

Nightlight Bulb



169

"Bi-Pin" Lamp

Colored

Mini Lamps



Replacement bulb for our #275-676 #275-677 and #275-678 Illuminated switches. 12 volts. IC-spaced pins.

Panel Lamp Holders And Assemblies



Lamp Holders

Require bulbs-select from chart at left.

(1) NEW! E-10 Lamp Base. Plastic base can be easily mounted on a flat surface. Ideal for school Incandescent Lamp Holders. Economical packages of 6. Ideal for adding lamps to meters, dials and projects.

Fig.	For Lamp Base	Cat. No.	Pkg. of 6
2 3	E-5 (T-13/4) Threaded Bayonet	272-354 272-355	1.39

(4) E-5 Holders. Includes two red and two white lenses. Require 3/s" mounting holes. 272-340 Pkg. of 2/2.29

(5) "Mini" Panel Lamp Holders. One lamp holder with one red and one green lens. Length,

3/8×11/16". 272-326 Pkg. of 2/2.99

Lamp Assemblies-include Bulbs

(6) NEWI "Jumbo" Red 12-Volt Lamp Assemblies. Very attractive "oversize" pilot lamp. 105 milliamps, each. Requires 19/32 (15mm) mounting hole. Solder tabs.

..... Pkg. of 2/2.99 (7) High-Brightness Red 12-Volt Lamp As-semblies, Solder terminals, Require 9/32" mounting hole (metal panel suggested).

272-331 Pkg. of 2/2.65

(8) "Micro" 12-Volt Green Lamp Assemblies.

With leads, 12V at 60 mA. Require 7s2" mounting holes, metal panel recommended. ... Pkg. of 2/2.59 (9) 12-Volt Snap-in Red Lamp Assemblies. Mounting tabs for 1/2"-diameter hole. 4" leads. 272-332 Pkg. of 2/2.99 (10) Like Fig. 9, but with one amber and one blue lens. 272-335 Pkg. of 2/2.99 (11)6-Volt Lamp Assemblies. Two red and two yellow lenses (total of four), and two snap-in ba-ses for 5/16" mounting holes. Solder terminals 272-341 Pkg. of 2/2.39

Battery Holders

Low

Ideal for Projects or Building External **Battery Packs for Portable Equipment**

Holds	Cat. No.	Each
2 "AAA"	270-398	.79
2 "AA"	270-382÷	.99
4 "AA"	270-383÷	1.19
4 "AA"	270-391	1.19
4 "AA"	270-397	2.59
2 "C"	270-385	1.19
4 "C"	270-390	1.49

	Holds	Cat. No.	Each
	2 "D"	270-386	1.69
	2 "D"	270-396	1.79
	4 "D"	270-389	1.99
	1 "AAA"	270-404	.69
	1 "N"	270-405	.69
	1 "AA"	270-401	.59
	1 "C"	270-402	.69
53)	1 0	270-403	.03



9V Battery Snaps



For projects, repair or use with holders, above, 270-3255/1.49

9V Battery Holders

Pkg. of 2 790

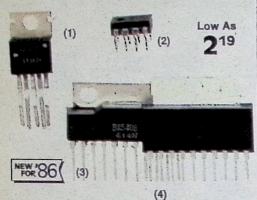
Tame "wild" rectangular batter-leal Mounts with screw or glue. 270-326 Pkg. of 2/794



Radio Shack—Canada's Place for Electronic Parts

TERRIFIC VALUES IN ICS AND SEMICONDUCTORS

Audio Amplifiers



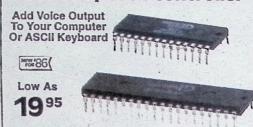
(1) LM383/TDA2002. Designed for autosound but has many other uses. Up to 8 watts rms at 13.8 VDC. For 4ohm loads, 5-pin TO-220. Heat sink required. 276-703

(2) LM386. Amplifler for 8-ohm leads is ideal for battery-powered projects. 400 mW output. Adjustable gain. 4-12 VDC. 8-pin DIP. 276-1731 2.19

(3) NEW! BA5406 Stereo Amplifier. Used in many portable and automotive radio/tape players. Approximately 5 watts per channel output at 12 VDC when properly heat-sinked. 276-707 4.99

(4) TA7205AP. Import autosound replacement IC. 5.8-watt output, 9-18 VDC. THD: 0.07%. 276-705... 3.79

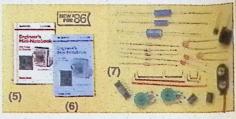
Voice Synthesizer IC and **ASCII-to-Speech Controller**



Heart of a Very Rewarding Project!

SP0256-AL2. This 28-pin MOS LSI device uses a program stored in its built-in 16K ROM to synthesize natural sounding speech. It requires low-cost sup-port components and is easy to interface with most microcomputers. Fifty-nine discrete speech sounds and five pauses can be addressed by a computer to produce any English word. With detailed specs and programming data. Requires 3.12 MHz clock crystal (available through Radio Shack). 5 VDC, single supply. 276-1784 NEWI CTS256-AL2 Text-to-Speech IC. This 40-pin device is a preprogrammed 8-bit processor that translates standard ASCII characters into control data for the synthesizer above. Makes it a snap to add voice output to virtually any personal computer or ASCII terminal. Features a 20-byte input buffer, expandable to 1792 bytes, built-in serial port with selectable parameters and parallel input option. With complete data, schematics. Requires 10 MHz crystal (available through Radio Shack). 5 VDC single supply. 276-1786

Op Amp and Timer IC Books



(5) Timer IC Mini-Notebook. By Forrest Mims III. Large schematic diagrams help you learn to use the 555 (7) Timer Project Parts. Includes the Timer IC Mini-Notebook and the parts needed to build the circuits it describes. Requires 276-174 breadboard and 9V battery. 277-061 ...

CMOS and Bipolar Timers



As



TLC555. Silicone CMOS design offers very low power consumption—typically one milliwatt with 5 VDC supply. Same pinout as standard 555. Operates up to 2 MHz, sinks 100 mA, sources 10 mA. 8-pin DIP with data. 2 to 18 VDC, single supply. 276-1718 ... 2.49

NEW! TLC556. Dual version of above. 14-pin DIP with data. 276-1704 Bipolar. Resettable timing from one microsecond to one hour. Output will source or sink 200 milliamps. Operate from 4.5 to 16 VDC.

Туре	DIP	Cat. No.	Each
555 (Single)	8-pin	276-1723	1.99
556 (Dual)	14-pin	276-1728	



Highest Quality 64K Dynamic RAM Chips For All Your Microprocessor Projects

NEW 786

Only 595

4164. Top-quality memory chip with 150 ns access Low-power design requires single 5 VDC supply. Upgrade your computer! 276-2506

Archer Paks! Super Values for Builders, Only \$2.99 Each

Archer Paks Let You Stock Your Workbench Affordably. Another Radio Shack Exclusive!

50 Switching **Diodes**



1N914/1N4148. SIHcon. Ideal for logic. Switching time low as 4 ns. PRV: 90. 276-1620 2.99

15 NPN Transistors



Smail-signal type. 300 mW. Similar to 2N3904. Pkg. of 15. 276-1603 ... 2.99 General-purpose. 600 mW. Pkg. of 15. 276-1617 ... 2.99

15 Amplifying Transistors



PNP small-signal type, similar to the popular 2N3906, 350 mW. TO-92 case. 276-1604 2.99

25 Rectifier Diodes



All 1N4000-series. In-cludes ten 1N4001s, five 1N4002s, five 1N4004s, and five oth-ers. 276-1653 . . . 2.99

10 Rectangular LEDS



May include red, green, yellow, regular and high-efficiency types. 276-1655 2,99

Package of 2 **LED Displays**



Two 0,4" commonanode digital dis-plays. Left decimal. Red output. Fit 14-pin DIP socket. 276-1656

20 Assorted LEDS



May include types MV-5054, MV-50, RL-209 in red, green, amber, infrared and battery indicators.

Rectifiers

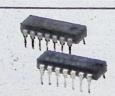


Rated 6 amps, 50 PIV. Ideal for replacement and power sup-

Regulators



Includes one 7805, one 7812 and three



Operational **Amplifiers**

Low As 169

741 Op Amp. Frequency compensated. Overload protected. Split supply, 5 to 16 VDC. 8-pln DIP. 276-007. 1.69 1458 Dual Op Amp. Internally compensated. Low power. Split supply, 5-16 VDC. 8-pln DIP. 276-038. 1.99 LM324 Quad Op Amp. Single 3 to 30 VDC or split 1.5 to 15 VDC power supply. 14-pln DIP. 276-1711. 2.29 TL082 BIFET Op Amp. Low-noise, high-impedance JFET Inputs. 13 V per us slew rate. Split 4 to 18 VDC supply. 8-pln DIP. 276-1715. 2.29 2.29
Low-Power Op Amps. Extremely low power consumption. Ideal for battery-powered circuits with no sacrifice in speed. Siliconegate CMOS technology. 4 to 16 VDC, single or split supply.

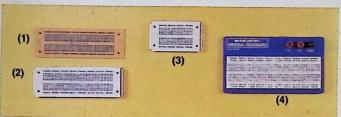
Type	DIP	Cat. No.	Each
TLC271	8-pin	276-1748	2.59
TLC272 (Dual)	8-pin	276-1749	3.99
TLC274 (Quad)	14-pln	276-1750	4.99

LM339 Quad Comparator. 14-pin DIP. Single supply.

Prices in Effect at All Radio Shack Stores and are the Maximum at Authorized Sales Centres (DEALERS)

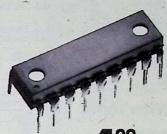
PROJECT BREADBOARDS AND OPTOELECTRONICS

Experimenter's Solderless Breadboards



The fast and efficient way to design your own circuits. The modular breadboards are reusable and accept a wide variety of components. When you have your circuit working properly, it's easy to transfer it from the breadboard to the matching experimenter's PC board for a soldered, permanent version.

LED Display Driver ICs



LM3914 LED Display Driver. Ten adjustable analog steps with selecta-ble bar or dot mode. Stackable to 100 steps. Requires 8 to 25 VDC. 18-pin DIP with data. 276-1707 4.99 LM3915N. As above, but with 3 dB log

Digital Displays



Seven-segment LED displays with 0.3" numerals fit 14-pin DIP sockets.

Common	Cat. No.	Each
Anode	276-076°	3.49
Cathode	276-075	2.49

*Yellow Version

198% Bel



LED Flasher IC

799

Adjustable Rate

LM3909. Pulses LEDs with a minimum . of current and external parts. Has many other uses and you may discover morel Single 1.5 to 6 VDC supply. 8-pin DIP with data. 276-1705 2,99



7 49 IC Test Clip

For DIP ICs up to 16 pins. Convenient because it allows you to access individual IC pins on a crowded board. Ideal for use with our micro test clips (see page 130). 276-1982 7.49



DIP Jumper

16-pin jumper simplifies interconnection of digital projects. Color-indexed 18" ribbon cable, two 16-pin DIP plugs. 276-19765.99

Light Up Your Projects With LEDS



Fig.	Color	Size	Cat. No.	Pkg. of 2
5	Red	T-13/4	276-041	1.39
6	Yellow	T-13/4	276-021	1.29
7	Green	T-13/4	276-022	1.29
8	Red	T-1	276-026	1.39
9 .	Green	T-1	276-037	1.29

(10) TLR-107 High-Brightness Red LED. Fresnel lens. Mounts in 3/16" hole. 2 VDC at 20 mA typical.

hole. 276-080 Pkg. of 2/1.89



22

Low-Profile DIP Sockets

Low As 99¢

Quality non-wicking sockets for PC use. Lowresistance contacts.

		Туре	Cat. No.	
Cat. No.	Pkg. of 2	18-Pin 20-Pin	276-1992 276-1991	
76-1995 76-1999	.99 1.79	24-Pin	276-1989	
76-1998	1.79	28-Pin 40-Pin	276-1997 276-1996	

Special-Purpose LEDs

276-036



(12) XC-5491 Tri-Color LED, Glows red on DC, green on reverse DC, yellow on AC. T-13/4 size. (13) CQX21 Blinking LED. Combines a MOS integrated circuit driver and a red LED. T-13/4 size. Can drive several LEDs in series.

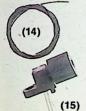
Optocoupler

999

Triac Output

MOC3010. The ideal interface between logic-level signals and a triac that controls 120 VAC circuits, up to 100 mA. LED input. 1000-volt isolation, minimum. 6-pin DIP. 276-134 . . 2.99

Optical Fiber, TX/RX Pair



Type

8-Pin

14-Pin

16-Pin

*****86

Perfect for School Science Projects

(14) Optical Fiber Cable. 3-meter length of high-quality opti-cal fiber cable is ideal for experimenting.

(15) Emitter/Detector Set. Use

Photocell, Infrared LEDs

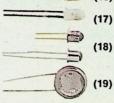
Fach 1.19

1.99

1.69

1.79

1.99



276-145

(18) IR Pair. LED emitter, photo transistor detector. 276-142 Pair 3.49 (19) CdS Photocell. Photo resistor rated 200 mW at 170 V, max.

Shop The Shack® for Everything in Electronics

LEDs in Panel-Mount Holders







(20) Two-Color. 3-lead, 2-segment device provides red and green output. A good mode or stalus Indicator. Requires 3 VDC at 10 mA per segment. Mounts in 3/6"-diameter hole. 276-025 . . . 2.49 (21) Chrome Holders. Mount in 1/4" hole. Require 2 VDC.

Color	Cat. No.	Pkg. of 2	
Red Green	276-068 276-069	2.19	
(22) Cnan.	n Holders	Pod output	

(22) Snap-In Holders. Re Mount instantly in 5/16" holes 276-018 Pkg. of 2/2.49

119

VALUES IN DIGITAL ICS, DIODES AND REGULATORS



Digital Logic Probe With Tone

■ Tests All Logic Families

■ Overload and Polarity Protected

The fast way to "peek inside" TTL, LS and CMOS digital circuits. Color-coded LEDs indicate high, low or pulsed logic states (up to 10 MHz). The simultaneous tone output (high, low or both) frees your eyes for faster testing. Switches for normal or pulse modes, CMOS or TTL/LS testing. Input impedance 100k ohms. Minimum detectable pulse width: 50 ns. Has 36" leads with clips to obtain

SCRs, Triacs

TO-220 Cases



6-Amp Silicon Controlled Rectifiers (SCRs). Ideal for motor speed control. With data

Voltage	Cat. No.	Each
200	276-1067	2.59
400	276-1020	2.59

6-Amp Triacs. For light dimmers, heat element control. Immune to transient damage. With data.

Cat. No.	Each
276-1001	2.49

Small-Signal Diodes

1N914/4148. Silicon switching type. 75 peak inverse voltage (PIV) 276-1122

Pkg. of 10/2.49

1N34A. General-purpose germanium. 60 PIV. 276-1123 Pkg. of 10/1.99



4000-Series CMOS IC

With Pin-Out And Specs

S	60	46		
1	-		stat,	
-1	17	3.5	2.0	7
	1,	11	17	

Description	Type	Cat. No.	Each
Quad 2-Input NOR Gate Quad 2-Input NAND Gate	4001 4011	276-2401 276-2411	1.99
Dual Type-D Flip Flop	4013	276-2413	1.99
Quad Bilateral Switch	4066	276-2466	1.99

TTL Digital ICs

With Pin-Out **And Specs**

Description	Туре	Cat. No.	Each
Quad 2-Input NAND Gate	7400	276-1801	1.49
Hex Inverter	7404	276-1802	
Quad 2-input AND Gate	7408	276-1822	1.99
BCD to 7-Seg. Decoder	7447	276-1805	
Div. by 2/5 BCD Counter	7490	276-1808	1.99

IC Static Protectors

(1) Conductive Foam Mat. 5×5". For bench or shipping. Protects sensitive ICs and components. May be cut. 276-2400 ...

(2) Static-Draining Wrist Strap. Easily adjusts to fit any wrist. 24" ground lead with clip. 276-2399 2.99





IC Inserter **And Extractor**

Handle DIP ICs The Safe Way

099

Helps you remove or install DIPs without bending pins. Built-in pin straightener. Both of the tools are groundable to protect static-sensitive MOS devices. 276-1574 .



Zener Diodes Pkg. of 2 19

Туре	Voltage	Cat. No.
1N4733	5.1	276-565
1N4735	6.2	276-561
1N4739	9.1	276-562
1N4742	12.0	276-563
1N4744	15.0	276-564

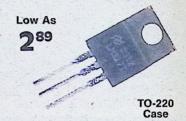
One-Watt

TV RF Modulator Module

For Computers. Video Games, Projects

UM1285-8. This miniature, prewired TV transmit-

Voltage Regulator ICs



Adjustable Regulators. Ideal for variable DC power supplies and wherever a regulated non-standard DC voltage is required. All include specs and data.

LM317T. Adjustable from 1.2 to 27 VDC output. 1.5 amps maximum. TO-220 case. 276-1778 ... 3.49 NEW! TL783. Adjustable from 1.25 to an incredible 125 VDC, 700 mA. TO-220 case. 276-1763 . . 5.95

Fixed Regulators. These easy-to-use 3-pin devices have built-in overload protection and thermal shutdown. One lead is input, other is output. When the control (center) lead is grounded, the regulated voltage shown in the chart is available at the output. Maximum input voltage: 35 VDC, output current up to 1 amp. TO-220 cases. Heat sink (#276-1363 or similar) is required for full current rating.

	Туре	Output VDC	Cat. No.	Each
F	7805	+ 5	276-1770	2.89
1	7812	+12	276-1771	2.89
L	7815	+15	276-1772	2.89



Computer Line Driver ICs

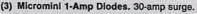
Each Transfer

MC1488 RS232 Quad Line Driver. Hook up terminals and remote peripherals with a simple "twisted pair." Also mixes different logic families. 14-pin DIP with data. 276-2520 ...

MC1489 RS232 Quad Line Receiver. Performs logic-level translation and provides multiple outputs from one input. 14-pin, data. 276-2521 3.49

Rectifiers for Power Supplies & Replacemen

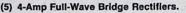




Туре	Peak Inverse Voltage (PIV)	Cat. No.	Pkg. of 2
1N4001	50	276-1101	.99
1N4003	200	276-1102	1.09
1N4004	400	276-1103	1.09
1N4005	600	276-1104	1.09

(4) 3-Amp "Barrel" Diodes. 200-amp surge.

Type	(PIV)	Cat. No.	Pkg. of 2
1N5400	50	276-1141	1.89
1N5402	200	276-1143	1.59
1N5404	400	276-1144	1.79



PIV	Cat. No.	Each
50	276-1146	2.99
100	276-1171	2.99
400	276-1173	3.49

(6) 1-Amp, 50 PIV Full-Wave Bridge Rectifier. Rated 25 amps. For PC board or socket mounting. Two fit into a 14-pin DIP socket. 276-1161 ...1.49

(7) 25-Amp, 50 PIV Full-Wave Bridge Rectifier. 1/8" square metal case. 276-1185 3.59

6-Amp, 50 PIV Full-Wave Bridge Rectifier. Heavyduty. 9/16×9/16×3/16". 276-1180 3.19 NEW! 15-Amp, 50 PIV Full-Wave Bridge Rectifier.

Appearance similar to fig. 5 276-1184 3.49 (8) 1.5 Amp Full-Wave Bridges. M548 cases.

PIV	Cat. No.	Each
50	276-1151	1.99
100	276-1152	1.99

Prices in Effect at All Radio Shack Stores and are the Maximum at Authorized Sales Centres (DEALERS)

TOP-QUALITY ARCHER® TRANSISTORS, ACCESSORIES

"How-To" Books for Builders, Technicians and Students

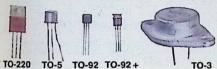
SSemiconductor Reference Guide. New 1986 edition! Exclusive cross-reference and substitution ssection lists over 80,000 types and their low-cost Radio Shack equivalents. Detailed data on Radio Shack ICs, SCRs, LEDs diodes and opto devices.

##276-40094.99

Getting Started in Electronics. By Forrest Mims III.
The perfect "hands on" introduction to the exciting
world of electronics. Written in easy-to-understand
laanguage by one of America's most popular technical authors. Learn the "hows" and "whys," then
bouild your own circuits. 128 pages.
##276-5003 3.59



We Can Replace Over 60,000 Transistor Types!



Includes Data and Pin-Out

Refer to Semiconductor Reference Guide (above) for complete cross-reference listing.

		Mary Land	Replaces*			5-1	200	No. of Section		
	Direct	GE	Sylvania	RCA					S. C. Stanford	
	Commercial Equivalent	Type GE†	Type ECG†	Type SK†	Pol.	Use	Diss.	Case	Cat. No.	Each
	2N1305	53	158	3004	PNP-G	SW	150mW	T0-5	276-2007	2.49
	MPS2222A	20	123A	3122	NPN	GP	500mW	TO-92	276-2009	.89
	MPS3904	20	123A	3122	NPN	SW	350mW	TO-92	276-2016	.89
	TIP31	66	152	3054	NPN	P	40W	TO-220	276-2017	1.69
	TIP3055	241	130	3027	NPN	P	90W	TO-220	276-2020	2.49
ı	MPS2907	82	159	3025	PNP	SW	400mW	TO-92	276-2023	.99
ı	MJE34	34	197	3084	PNP	P	90W	TO-220	276-2027	1.99
ı	2N3053	241	128	3024	NPN	P	1W	T0-92+	276-2030	1.39
ı	2N3055	14	181	3027	NPN	P	115W	T0-3	276-2041	2.49
	2N4401	20	123AP	3444	NPN	SW	350mW	TO-92	276-2058	.79
	MPSA42	222	154	3044	NPN	HV	625mW	TO-92	276-2061	.99

N-Channel Field-Effect Transistors (FETs)

Direct Commercial Equivalent	Use	Diss.	gfs min/max µmhos	Case	Cat. No.	Each
2N3819	GP	360mW	2.0/8.5	T0-92	276-2035	1.79
MPF102	VHF Amp, Mixer	310mW		T0-92	276-2062	1.19

"In most circuits. See pproduct package for eexact device specs. AAP = Audio Power Amp ID = Darlington

G = Germanium GP = Gen. Purpose HG = High Gain HV = High Voltage LL = Low Level
P = Audio Power Amp, Switch
SW = Switch
NOTE: Parameters are at 25° C.

Symbols Stencils

Low As



349

Circuit Symbols Template. Helps you draw accurate and easy-to-read schematic diagrams. 276-1804.95

Easy-to-Use Dynamic Transistor Checker

1995

Tests PNPs, NPNs, Silicon and Germaniums In or Out of Circuit

Mounting Hardware and Accessories



- (1) NEW! Clip-On Heatsink for TO-220 Devices. 276-1367 Pkg. of 2/ 1.69
- (2) Mounting Hardware. For power semiconductors. With screws, washers, solder lug, bushings. For TO-3 cases. 276-1371 ... Set 1.49 For TO-220 Cases. 276-1373 ... Set 99¢

- (5) Heat Sink Grease. Highly heat-conductive silicone compound insures proper heat transfer from power semiconductors to sink or chassis. 6.5 grams. 276-1372 . . . 1.99

Wire Wrapping Tool

749 Includes Handy

30-Gauge Wire **399** 50-Ft.



Spools
Use with any wrapping tool to make fast, reliable connections.

Color	Cat. No.	50-ft. Spool
Red	278-501	3.99
White	278-502	3.99
Blue	278-503	3.99
Yellow	278-504	3.99

Wire Wrapping DIP Sockets

Wire Stripper

Low 249 Pkg. As 2 of 2



Square 0.25" posts accept 3 levels of wire.

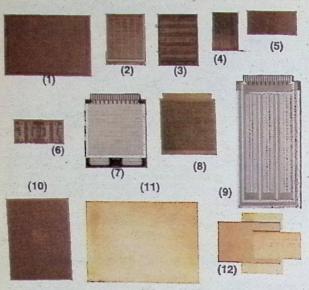
Pins	Cat. No.	Pkg. of 2
14 16	276-1993 276-1994	

Mini Audio Amplifier With Built-In Speaker

- High-Gain IC Design 1595
- Compact amplifier with volume control, on/ off switch. Ideal as a test-bench amplifier or wherever you need a compact, ready-to-use audio amplifier. Two 1/8" phone jacks—one for input, one for external speaker/earphone (not incl.). 100-10,000 Hz response. 1 millivolt input sensitivity. 33/e x 33/e x 13/4". Requires 9-volt cell. 277-1008 15.95



START OUT RIGHT WITH ARCHER® PC BOARDS



PC Boards for Projects

(1) Grid Boards. Accept DIP ICs, sockets and headers. Solder-ringed holes. Indexed columns and rows.

Size	Holes	Cat. No.	Each	
41/2×65/8"	2200	276-147	4.29	
23/4×33/4"	750	276-158	2.69	
127/32×227/32"	356	276-149	1.49	

Dual Version of #276-158. 276-161 3.99

(2) Universal PC Board. Accepts ICs up to 40 pins. Total of 750 Indexed, solder-ringed holes. Two busses, one grounding strip. 33/s x 27/s".

- (3) IC/LSI Board. For LS! ICs up to 40 pins. 750 holes with solder rings, indexed on both sides. 213/10 x 33/4".
- (4) Multi-Purpose Bus Board. Two bus strips at the center. PC pattern traced on component side speeds building. 417 solder points. 127/ex × 227/ex?
- (5) Dual Mini General-Purpose Board. 213 holes. 13/4×35/s". Can be snapped in half. 276-148 ... 1.49
- (6) Dual IC Board. Accepts two 6 to 20-pin DIPs. 4 points for each pin. 19/4 x 39/ef 276-159 2.19

(7) NEWI Plug-In PC Board With RS-232 Ports, Ideal for computer projects. 49₁₆ x 59₁₆" board fits standard 44-position socket (#276-1551 next page). Has predrilled holes to accept two PC-type RS-232 connectors (such as #276-1521 on next page). Two busses, 1020 solder-ringed holes in DIP pattern for circuitry 276-187

(10) IC-Spacing Perforated Boards

Size	Cat. No.	Each
41/2×6" 23/4×6"	276-1394	3.49
6×8"	276-1395 276-1396	2.89 4.59

PCB Wire Connectors



(13) NEW! End-Stackable Terminals. 2-position. Wire is secured by a screw. 276-1388 Pkg. of 4/2.99

It's Easy to Etch Your Own PC Boards



Extra Pen. 276-1530 2.49
Extra Etching Solution. 16 oz. in plastic bottle. 276-1535 4:49

Direct-Etch Dry Transfers. The easy way to get professional results. Includes four sheets of circles, strips, IC pads and more. Just press on a copper clad board and you're ready to etch. 276-1577 . .4.49

Dry Label Transfers



399 Four Sheets

Adds a "Pro" Look to Projects

Easy way to add labeling to your projects. Includes rub-on letters, symbols, numbers and calibration marks for controls. For plastic and metal surfaces. 270-2013.99

Archer Enclosures: The "Finishing Touch" for Your Project

Deluxe Two-Tone



Our finesti Gives your project a professional appearance at a modest price. Easyto-work steel with eggshell white bottoms, black tops, hardware, rubber feet.

Size	Cat. No.	Each	
115/16×81/4×61/6"	270-272	8.95	
31/16×81/4×61/6"	270-274	11.95	

Economy Cases

Low 259

Plastic with Internal slots for PC boards.

Lightweight Box



749

Easy To Drill

Extra-durable heavy-gauge aluminum with removable plastic front and back panels. 19/1s×41/2×39/1s° Internal slots will accept two 4×3° PC boards, 270-286 . . . 7.49

Metal Cabinets

Low As



Vented steel tops, easy-to-work aluminum chassis, rubber feet, hardware.

Size	Cat. No.	Each	
31/4×21/8×4"	270-251	3.99	
4x23/8x6"	270-252	5.99	
51/4×3×57/8"	270-253	6.99	

Slope-Front Style



ideal for testers, audio mixers, control panels. Steel construction with attractive beige finish. Front height: 15/se". Rear height: 11/z". Width: 65/se". Depth: 43/x". Includes hardware and protective rubber feet. 270-282.

Experimenter Boxes

Low As 239



Plastic bodies, aluminum covers

Size	Cat. No.	Each	7
31/4×21/8×11/8" 4×21/8×15/8" 51/18×25/8×15/8" 61/4×33/4×2" 73/4×43/8×23/8"	270-230 270-231 270-233 270-627 270-232	2.39 2.49 2.79 3.49	1

Chassis Boxes

Low 349



With Hardware

Size	Cat. No.	Each	
23/4×21/a×15/a"	270-235	3.49	
4×21/a×'15/a"	270-239	3.79	
51/4×3×21/a"	270-238	4.19	

Enclosure and PC Board



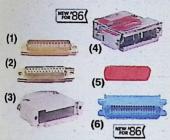
449

Big Value in a Small Enclosure

Use Radio Shack Components to Bring Your Ideas to Life

SHACK® HAS THE CONNECTORS YOU CAN COUNT ON

Connectors for Computers, Peripherals and Video Games

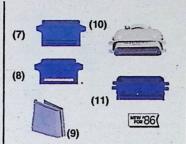


Solder-Type Subminiature "D" Connectors. For interfacing and building your own RS-232 and joystick extension cords.

Type Sub-D Male Sub-D Female Hood for Above		Positions	T	Cat. No.	Each
		9 9		276-1537 276-1538 276-1539	3.99 3.99 3.49
Fig.	Тур	Po	S.	Cat. No.	Each
2	Sub-D Mal Sub-D Fen Hood for A	nale 2	5	276-1547 276-1548 276-1549	5.99 6.49 4.49

(5) Sub-D 25 Dustcaps. One male, one lemale. 276-1546 Set. .79 (6) NEWI Sub-D 25-Position Right-Angle Connector. Use with 276-187 PC board for

Interface projects. 276-15214.99



Solderless RS232 Connectors.

Fig.	Туре	Cat. No.	Each
7	D-Sub 25 Male	276-1559	7.99
8	D-Sub 25 Female	276-1565	7.99

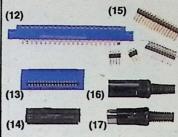
(9) RS232 Ribbon Cable. 25 conductors.

Length	Cat. No.	Price	
5 Feet	278-772	4.99	
25 Feet	278-773	24.99	

(10) Printer Connector. Solder-type 36position connector for parallel printers (Centronics). Heavy-duty metal shielded construction. 276-1534 9.95

(11) NEW! 36-Position Printer Connector IDC. For fast repair of damaged printer connectors. Use instead of replacing the entire cable assembly. 276-1533 ...10.99

(23)



(12) 44-Position Card-Edge Socket. Accepts plug-in boards such as Fig. 11, 12, 13 on facing page. 276-1551 6.99

(13) 34-Position Card-Edge Connector. Solderless type. For disk drives.

(14) 34-Position Header Connector, Fits parallel printer port of many microcomputers. 276-1525 . . .

(15) NEW! Header Assortment, A total of 200 contacts—straights, right-angles, some gold-plated. May be used with header connectors, for wire-wrapping and board-to-board interconnections.

(16) 6-Pin DIN Plug. Fits joystick port of Tandy Color Computer 2. Use with inline Jack to make joystick extension cords.

(17) 6-Pin Inline Jack. Mates with 6-pin

> low As 129 Pkg. of 2

Speaker Terminal Plate



Ideal for Hi-Fi, Public Address and Musical Instrument Speakers

Recessed design lets you place enclosure close to wall. Spring terminals for easy wire hookup, plus centered RCA-type phono jack with removable seal plug. 274-625 . . 3.19

Pushbutton Terminals



Low 159

(18) Eight Position. Spring-action lever re-Four-Position Version of Above. Mounting holes 23/e" apart. 274-622 2.69 Two-Position Version. 274-621 1.99 (19) Two-Position Push Terminals.

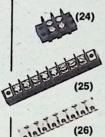
Spring-action insertion/release. 21/a x 3/4" board, mounting holes 13/a" apart.

"Car Radio" (21) (22) Connectors (20)

Pkg. of 2

(20) Motorola-Type Plugs. Fit car radios, most Pkg. of 2/1.19 Motorola-Type Jack With 41/2" Shielded Inline

Barrier Strips

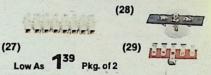


(24) Dual-Row. 2 terminals per position.

Positions	Cat. No.	Price		
2		2 for 2.29		
. 4	274-658	Each 2.29		
6	274-659	Each 2.59		
8	274-670	Each 2.79		

(25) Feedthrough, 8 screwdriver terminals with 3/16" solder tabs on rear. 274-653 2.29 (26) 8-Position Jumper. Connects terminals of barrier strips. 274-6502.49

Terminal Strips



(27) "European" Barriers. Safety recessed set-Screws. 8 position 274-079. 4.19
12-position. 274-679. 4.19
(28) Two Screwdriver Terminals With RCA-Type Phono Jack. 2% long. 274-620. Pkg. of 2/1.99
2 Screwdriver Terminals. 11% long. (Not shown) 274-663. Pkg. of 2/1.59
(29) 5-Lug Tie-Points. Phenolic, % centres. 274-688. Pkg. of 4/1.39

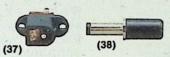
Knobs for 1/4" Shafts



Brass Bushings and Set-Screws

(31) Blue Insert. 1/2" dia., 9/16" deep. Match our 270-220 series of enclosures. 274-403 Pkg. of 2/1.29 Pkg. of 2/1.29 (32) Contemporary, 1" dia., 5/e" deep. Metal over plastic, hand-some etched finish. 274-424 Pkg. of 2/2.99 (33) Deluxe. 3/4" dia. 274-405 (34) Knurled. 11/8 x 11/16" 0-10 calibrated. 274-413 2/2.19 (35) Hexagon. 13/8 x 5/6". 274-407 Pkg. of 2/1.99 (36) Economy. 3/4 × 7/16" 274-415 Economy. 1 × 9/16" 274-416 Pkg. of 4/2.49

Coaxial DC Power Connectors

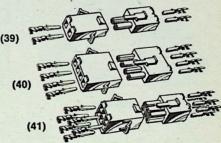


(37) Coaxial DC Power Jacks. For adding DC power jacks to equipment or replacement. Mate with plugs below. With mounting hardware, 5.0 mm outside diameter, 2.1 mm inside diameter. 274-1565 Pkg. of 2/1.29

(38) Coax Plugs. Fit external power sockets of most battery-operated equipment.

O.D.	I.D.	Cat No.	Pkg. of 2
5.0 mm	2.1 mm	274-1567	1.59
5.0 mm	2.5 mm	274-1568	1.59
5.5 mm	2.1 mm	274-1569	1.59
5.0 mm	1.6 mm	274-1570	1.59
3.5 mm	1.3 mm	274-1571	2.29
6.3 mm	3.0 mm	274-1572	1.59

Polarized Connector Kits

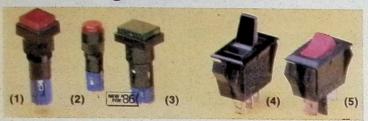


Designed to mate with "Molex-type" plugs. Solder or crimp contact pins to wire and insert into housing. pin diameter. Rated 8 amps.

(39) 2-pin. Male/Female. 274-8001 Pair 1.59 4-pin. Male/Female. 274-8002 Pair 1.99 (41) 6-pin. Male/Female. 274-8003 Pair 2.29

ARCHER® SWITCHES FOR REPAIRS AND PROJECTS

Lighted AC Switches



(1) SPDT Push On/Push Off. Rated 3 amps.

(3) NEW! SPST Normally Open or Normally Closed. Rated 5 amps at 250VAC. Mounts in 5/8" diameter hole. 275-6788.99

(4) SPST Lighted Paddle Switch. Contacts

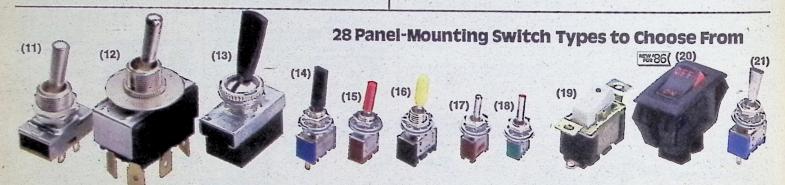
Momentary and Push On/Off Switches



(7) SPST "Soft Feel". Push on/push off. Rated 3 amps. 3/8" mounting hole. 275-1565 ... 1.99 Momentary Version. 275-1566 ... 1.99

(8) Standard SPST Push On/Push Off. Rated 3 amps. 1/2" mounting hole. 275-8079 ... 2.99 (10) Mini SPST Push On/Push Off. Contacts

(10)



(11) Standard Toggles. Rated 3 amps at 125VAC. SPST. 275-8014 2.99 DPDT. 275-8017 2.99 SPST Centre-Off. Rated 6 amps at 25MAC. 275-8628

250VAC. 275-80133.49 (12) Heavy Duty Centre Off DPDT Toggie Switch, Rated 15 amps at 125VAC with on/off/on label plate. 275-8058A 8.99

(13) Heavy-Duty AC, 1 x 3.8" lever.

6 amps at 250VAC. DPDT Centre-Off. 275-8073 5.A9 (14) MinlToggles. Rated 6 amps at 125VAC. K" mounting hole. SPDT. 275-662 3.99 DPDT. 275-663 4.49 DPDT Centre-Off. 275-664 4.99 3PDT. 275-661 4.99 (15) Subminl Toggles. Contacts

rated 3 amps. ¼" mounting hole. SPST, 275-8068.....2.99 DPDT Centre-Off, 275-8065 .3.99 (16) Submini Toggles. Contacts rated 10 amps. Each includes 4

rated 10 amps. Each includes 4 coloured handle covers, Body ½ x 1/1,0 x ½". W" mounting hole. SPST. 275-8062. 2.99 SPDT. 275-8064 275-8063 3.49 SPDT Centre-Off. 275-8066 3.99 DPDT. 275-8066 3.99

(17) Submini SPST PC-Mount Toggle. Rated 0.3 amp. Body 1/a x 1/a x 1/2. 275-645 2.49

(18) Micromini Toggles. Rated 3 amps. Body ¼ x 5/₁₅ x 3/₁₈". ¼" mounting hole. DPDT. 275-6262.49

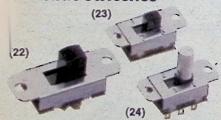
(19) SPST Rocker Switch. Contacts rated 6 amps at 250VAC.

275-80311.99 (20) NEW! Fluorescent Rocker

Switch. SPST. Rated 16 amps at 125VAC. 275-8081 5.99 (21) Flatted Lever Switches. Contacts rated 6 amps. Body 3/8 x 7/16 x ¼". ¼" mounting hole. SPDT. 275-635......2.99

DPDT, 275-636 ... 3.49
DPDT Momentary. Spring return to centre-off. 275-637 ... 4.49

Slide Switches



(22) DPDT Mini Slide Switch. Contacts rated 1 amp at 125VAC. 275-80161.99 (23) SPST Subministure Slide Switches. Contacts rated 1 amp at 125VAC. 275-8024 ... Pkg. of

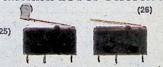
2/2.49 DPDT. 275-8025 Pkg. of 2/2.49 (24) SPST Slide Switches, Contacts rated 4 amps at 125VAC. 275-8020 ... Pkg. of 2/1.9s SPDT. 275-8021 . Pkg. of 2/1.9s DPDT. Contacts rated 3 amps at

275-8022 Pkg. of 2/2.49

It's Radio Shack for switches

We have a wide selection for the handyman or hobbyist

Submini Lever Switches



(25) With 3/4" Roller Lever. Operating force: 5 grams. Rated 5 amps at 250 VAC. (26) With 3/4" Lever. 45 grams to operate. 5 amps at 250 VAC. 3/4 x 1/4 x 3/8".

Rotary Rated 0.3 Amp

2-Pole, 6-Position. Single deck, non-shorting type. 1/4"-diameter shaft. 275-13861.99 1-Pole, 12-Position. Shorting, 1/4"-dia. shaft. 275-13851.99



DPDT Knife Switch

Ideal for Projects, Antenna Switching, **Model Railroads**

Plated spring contacts rated 0.5 amp. Screw-driver terminals. 15/8 x 21/3 x 1/2. 275-1537. . . . 1.99

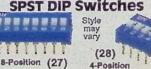


On/Off Switch **Label Plates**



149 Pkg. of 6

On/Off Plates. For key slot toggles with 15/16" bushings.



Digital/low-current use.

Fig.	Fits Socket	Cat. No.	Each
27 28	16-pin DIP	275-1301 275-1304	3.49

Prices in this Catalogue are Subject to Change Without Notice

EXCEPTIONAL VALUES IN BUZZERS AND RELAYS



Two-Tone Piezo Buzzer

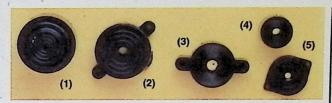
NEW '86

SSuper-loud! 100 dB minimum sound pressure level. UJse for security systems, power failure alerters and more. Requires 8 to 16 VDC. 23/8" mounting centers. 13.95



"Doorbell" Electronic Chime

"Ding-Dong" Output



Piezo Buzzers and Transducer Elements

(1) Pulsing/Continuous Piezo Buzzer. Great for alarm systems, vehicle backup alerts. Screwdriver terminals. Approx. 2800 Hz pulsed at 1.2 Hz.
Output: 90 dB at 12 VDC, only 10 mA.
Operates 4 to 28 VDC. With threaded mounting ring. 273-068

(2) Pulsing Plezo Búzzer. Approx. 2800 Hz. 95 dB. 3 to 28 VDC. 12 mA at 12 volts. Mtg. holes 115/16" apart. 273-066 ...

(3) Piezo Buzzer With Leads. Piercing 3.6 kHz signal. 4 to 28 VDC. 5 mA at 12 V. Mtg. centers 13/4" apart. 273-060, 4.99 (4) PC Board-Mount Plezo Buzzer.

(5) Piezo Transducer. Two-wire type. 3000 to 5000 Hz, reduced output outside of range. Ideal for use as telephone tone ringer. 30 VAC p-p, 5 mA. Approx.

Fixed-Frequency Piezo Element. Three-wire type. Up to 90 dB at 6.5 kHz. Requires external driver circuit. With data. 273-064

Buzzers

Reliable Electronic Design



(6) Pulsing Buzzer. Extra-loud 80 dB output with 2 Hz pulse rate. Requires 12 VDC at 20 mA. Mounting holes: 11/4" apart. 43/4" leads. 273-058 4.79 (7) Mini DC Buzzers. Small enough to hide, loud enough to demand attention! 11/18" mounting cen-

77.00				
DC Voltage	Cat. No.	Each		
1.5-3	273-053	2.79		
6	273-054	2.79		
12	273-055	2 99		



Mechanical Buzzer Super Loud!

DC buzzer with low current drain—ideal for battery circuits. 2" dia. by 1³/₄". Metal case with leads. 12 VDC. 273-051, 3.49

High-Quality Relays for Your Projects. Check Our Big Selection

Micro-Mini SPDT, 5 or 12 VDC Coil

ACTUAL SIZE



Just 11/32 x 3/8 x 1/4". Contacts: 1 amp. 5 VDC, 90 milliamp coil. 275-2403.99 NEW! With 12 VDC Coil. 275-241 3.99

SPDT DIP Relay, 5 VDC Coil

Fits 14-pin DIP socket or mounts on PC boards with .100" hole centers. Contacts: 2 amps. 3/8 x 9/16 x 3/8". 5 VDC, 72 mA, 70-ohm coil.



Mini SPDT With 3-Amp Contacts

A99

Contacts: 3 amps at 125 VAC. 9/16 x 25/32 x 5/8". 12 VDC, 400 ohm coil. 275-2474.99





DIP DPDT

Fit 16-pin DIP socket or mount on PC boards. Con-tacts: 1 amp. $^{7}/_{16}$ x $^{25}/_{32}$ x $^{3}/_{8}$ ". 12 VDC, 280 ohm. 3/₈". 12 VDC, 280 onin. 275-2136.49



6-9 VDC, 500-Ohm Coll. Typical drain 12 mA-ideal for batterypowered circuits. Contacts: 1 amp. 1 x 11/16 x 34". 275-0044.99



Compact SPST Reed Relays

Each

Approximately 1" x 5/16". Pins for PC board mounting. Contacts rated 1 amp. Low-current coils.



Mini DPDT, 12 VDC Coil

1099 Socket Included

Contacts: 3 amps at 125 VAC. Coil: 75 mA, 150 ohms. Transparent case, 11/4 x 1 x 3/4". Chassis or PC-mount socket has clips for relay.

275-820610.99

Mini 4PDT Relays

Switches up to four circuits! PC mountable. Contacts: 3 amps at 125 VAC. 13/8 × 11/8 × 13/16". 12 VDC. 160-ohm coil. 275-8214 8.99 Socket. 275-221 2.49

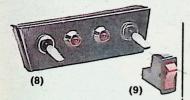


Heavy-Duty 1099 **DPDT Relays** Each

Contacts: 5 amps at 125 VAC. Plug-in or solder. 15/8 x 1 x ¾". 12 VDC, 150-ohm coil. 275-8218 10.99

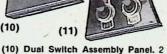
With 120 VAC, 4500-Ohm Coll. 275-8217 5-Amp Socket. 275-220 2.49





(8) Dual Switch and Light Panel. Rated 10 amps at 12VDC. Includes two 12V long life lamps. 275-707 6.99 (9) Lighted Rocker Switch Panel. Rated 20 amps at 12VDC. Quick disconnect terminals. 275-7044.99

Archer® Switches for Automotive Use



(11) Panel Assembly With Switch and Lamp. Five amp switch with 12VDC lamp (red) assembly. 275-703....4.99



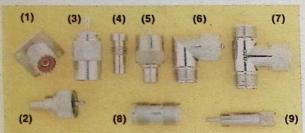
(12) Heavy Duty Lever Switches. DPDT centre-off. 275-7103.99 DPDT spring return. 275-709 3.99 (13) 12-VDC Illuminated Switch. Rated 3 amps at 12VDC. Handle lights when

on. 275-706.....



(14) SPST Flip Switch. Rated 5 amps at (15) Heavy-Duty Automotive Relay. 30 amps at 12VDC. 275-2258.95

COAXIAL/TV CONNECTORS, ADAPTERS AND CABLE



Assorted RF Connectors & Adapters

90				The state of the s
(10) (11)	(12) (14) (15)	(16)	(17) (18)	

TV/FM Antenna Connectors

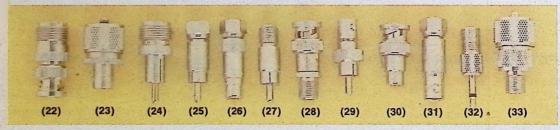
Fig.	Type/Description	Cat. No.	Price
10	F-59 75-ohm coax for RG59/U	278-211	2/1.89
30	F-56 for RG6/U and "Aluminax"	278-214	2/1.99
11	CF-59 Coax for RG59/U	278-222	2/1.99
12	CF-56 for RG6/U and "Aluminax" F-59 Solderless Push-On	278-223	2/1.99
12	Connector for RG59/U	278-215	Ea. 1.49
13	F-59 Crimp Rings	278-216	6/.99
	F-56 Crimp Rings	278-217	6/.99
14	F-61. Mate with F-59	278-212	2/1.99
	F-81. Couples two F-59s Female "F" Screw-On to	278-213	Ea. 1.99
	Male "F" Push-On	278-218	Ea. 1.99
17	"F" Male to "F" Male Female to Male "F"	278-219	Ea. 2.49
	Right-Angle Adapter	278-221	Ea. 2.99

(19) (20) (21)

Crimping Tools

449 899 1999

Wide Selection of Convenient Video and RF Adapters



(27) Female "F" to RCA-Type Phono Plug. 278-252 2.49

BNC Connectors



(34) Type 1094 Female BNC. 278-105 . 2.99 (35) UG-88 Male BNC. 278-103 . 3.99 RG59/U, RG62/U. 278-104 . 3.99 (36) UG-914/U BNC Female to Female. 278-115 . 4.99

Multi-Purpose, High-Grade Coaxial Cable



Low As 18¢ Per Foot

Ideal for amateur radio, CB, TV and FM use. Low-loss polyethylene dielectric with tough outer jacket. The all-copper conductors are made in USA by Radio Shack.

Ohms	RG Type	0.D. (in.)	Velocity Factor	Loss Per 100 ft.		citance Foot	Center Conductor	Cat. No.	Price Per Ft.
52	B/U	.405	66%		iz, 3,5 dB iz, 8.0 dB 29	pF	13-ga. 7 x 21	278-1325	.49
52	8/M	.242	75%		tz, 3.0 dB tz, 7.5 dB 26	pF .	16-ga. 19 x 29	278-1328	.29
52	58/U	.196	66%		iz, 5.3 dB iz, 12.0 dB 28	pF	20-ga. solid	278-1326	.18
75	59/U	.242	75%	200 MHz, 3.9 dB 500 MH	iz, 2.8 dB iz, 7.5 dB iz, 10.6 dB	5 pF	22-ga. solid	278-1327	.18
75	6/U	.266	75%	200 MHz, 2.7 dB 500 MH	tz, 1.8 dB tz, 5.1 dB tz, 8.3 dB	6 pF	18-ga. solid	278-1324	.18

Coax Cable Stripper 1799



Communication Coax Assemblies





SHOP THE SHACK® FOR WIRE & CABLE ACCESSORIES



2-Conductor Speaker

(11) Low-loss, all copper construction. Polaritymnarked plastic insulation.

Description	Gauge	Feet	Cat. No.	Each
Miniature Clear	24 Solid	75	278-1509	4:99
Medium Clear	22 Stranded	100	278-1385	6.99
Standard Clear	20 Stranded	75	278-1388	8.99
Low-Loss Clear	18 Stranded	30	278-1602	6.49
Low-Loss Clear	18 Stranded	60	278-008	9.99
Low-Loss Clear	16 Stranded	50	278-1267	10.99
Standard Brown	20 Stranded	100	278-1387	9.99
Heavy-Duty Brown	16 Stranded	30	278-1263	6.99
Heavy-Duty Brown	16 Stranded	100	278-1384	18.99

Zip Cord Specials

(:2) Twin-conductor stitranded copper, plastic insaulation.

Description	Gauge	Feet	Cat. No.	Each
2-Conductor, Plastic	18	30	278-864	5.99
Miniature, Plastic	24	50	278-1301	4.99
2-Conductor, Plastic	20	30	278-1265	5.99
2-Conductor, Plastic	18	100	278-1264	13.99

Shielded Cable

Low-loss cable for microphones, audio and communications equipment. All-copper conductors.

Fig.	Description	Feet	Cat. No.	Each
3	Miniature With Spiral Wrap Shield	30	278-752	5.99
4	Heavy-Duty With Braided Shield	40	278-751	10.99
4	Single-Conductor With Braided Shield	20	278-1277	5.99
5	2-Conductor With Spiral Wrap Shield	50	278-1275	7.99
5	2-Conductor With Spiral Wrap Shield	20	278-1276	6.99



Single Spools, Single Color

AFig.	Туре	Ga.	tFt.	Cat. No.	Each
6	Solid Stranded	22 22	100 90	278-1295 278-1296	4.99
7	Stranded Stranded	18 20	55 75	278-1292 278-1293	4.99 4.99

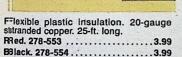
Hook-Up Wire Packs

Solid or Stranded †Total footage. Colors vary.

3 Spools, 3 Assorted Colors

Туре	Ga.	tFt.	Cat. No.	Each
Solid	18	60	278-1302	4.99
Stranded	18	45	278-1303	4.49
Stranded	20	60	278-1304	4.49
Solid	20	75	278-1305	4.99
Solid	22	90	278-1306	4.49
Stranded	22	75	278-1307	4.49

Test-Probe Wire



2-Conductor Bonded

One red and one black. 18-gauge satranded, 25 feet, 278-1250 5.99

Heavy-Duty Wire

1:12-gauge, 20-foot length.	
FRed. 278-1289	5.99
Black. 278-1280	5.99



Rainbow Wire Packs

Colors may vary from photo FFlexible flat cable, color-coded PVC insuleation. For low-voltage hookups, inter-croms. 24-gauge solid copper.

22-Conductor, 35 Ft. 278-755 3.99 44-Conductor, 25 Ft. 278-757 4.49

Solid Stranded	22	90 75	278-1306 278-1307	4.49
-------------------	----	----------	----------------------	------



(8) 4-Conductor Cable. 24-gauge solid
copper conductors, color-coded. 50 Ft. 278-3729.4
100 Ft. 278-37317.99
4-Conductor Bulk. Sold by the foot
278-1320 Price Per Foot/16
(9) 6-Conductor. For phones and alarms, 100 ft. 278-37424.99
(10) Modular Cable. Four conductors
26-gauge, color-coded insulation.
50 Ft. 278-3658.99
100 Ft. 278-36617.99

Intercom Cable



Color-Coded Insulation

Description	Feet	Cat. No.	Each
2-Wire Solid	75	278-559	6.99
3-Wire Solid 3-Wire Stranded	75 50	278-370	8.49 6.99



(11) NEW! Cable Tle/Marker. For cables up to
%" dia. Mark with ball point pen or felt tip
marker. 278-1648 Pkg. of 10/3.99

(12) 4" Wire	Tires. N	ylon, self-locki	ng.
Unbreakable. 2	78-1632	Pkg. of 30/1	1.99
		Pkg. of 30/2	
		Pkg. of 30/4	

(13) AC Cord Ties. For power cords and other cables. 278-1646 Pkg. of 6/99¢

(14) Heat-Shrink Tubing. Fits over wire and shrinks when heated. 1/16 x 1/2" sizes. 278-1627 Pkg. of 7/2.99

(15) Strain Reliefs. One-piece construction absorbs pull and twist. Set includes four

SPT1, two SPT2-types. 278-1636 Set of 6/1.49

(16) Cable Clips. For cables up to 3/a" dia.

(18) Wire-Tie Mounts. Self-adhesive, hold ties

(19) Coax Clips. Slip over cable and nail to wall. Keeps cable neat and secure. For RG58/U, 20-192. Pkg. of 10/1.29 For RG3/U, 20-193 Pkg. of 6/1.29

Color-Coded Jumper Cables

(20) Set of 10 Test Lead Cables. 14" long with miniature insulated alligator clips on each end. Set of 4 Test Lead Cables. 30" long. Insulated clips at both ends. 278-0014.99 (21) 8-Pack of 24" Cables. Four colors, clips at each end. 278-11575.99 (22) Set of 6 Heavy-Duty Claw-Type Jumper Ca-bles, 40" long, Clips at both ends, 278-002, 6.49



Replacement Cords

(23) 6-Ft. Line Cord. 2-prong AC plug. (24) 6-Ft. AC Power Cord. Female receptical to 2-prong AC plug. 278-1256......2.99 (25) 4-Ft. Polarized, Fused DC Cable. Quick-

Radio Shack-For Everything In Electronics

Magnet Wire

3 Spools

40-ft. of 22-ga., 75-ft. of 26-ga., 200-ft. of 30-ga. 278-1345.....3/7.99



(26)(27)

SW Antenna, Accessories

(26)(27)(28) Complete Shortwave Antenna Kit. Everything you need for an outdoor an-tenna. Package includes 75 feet of copper an-tenna wire, 50 feet of lead-in wire, window feedthrough, insulators and complete instructions. 278-758......13.99 (29) Heavy-Duty Antenna Wire. Seven strands of 22-gauge bare copper for maximum strength. 65 feet. 278-1329......8.99 (30) Insulators. Strong, low-loss material. For antenna center and end insulators or guy wire

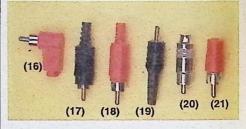
CONNECT IT WITH ARCHER® PLUGS AND JACKS



Phone Plugs

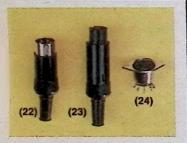
(1) 3-Conductor 1/4" Phone Plugs. Slim type with black shell. 274-139
(2) 3-Conductor 1/4" Phone Plug. Shielded to cut hum, nickel plated. 15/s" barrel length. 274-285 2.39
(3) 3-Conductor 1/4" Phone Plug. Shielded. With spring cable strain relief. 274-1546 2.59
(4) 2-Conductor 1/4" Phone Plugs. Long slim type with 1/2"-diameter barrel. 274-1536 Pkg. of 2/2.69
(5) 2-Conductor 1/4" Phone Plugs. 3/4"-dia. sure-grip barrel. Screwdriver terms. 274-1539 Pkg. of 2/2.99
(6) 2-Conductor 1/4" Phone Plugs. Shielded, slim type with 1/2"-dia. metal barrel. 274-1544 Pkg. of 2/3.99
(7) 2-Conductor 1/4" Phone Plug. Heavy-duty shielded design with spring strain relief. 274-1545 2.39

(8) 2-Conductor 1/4" Right-Angle Phone Plugs. Shielded, screwdriver terminals.
274-254 Pkg. of 2/2.49
2-Conductor 1/s" Mini Phone Plugs. 15/s" long.
(9) Black. 274-286
(10) Red. 274-287 (not shown) Pkg. of 2/1.99
(11) Shielded. 274-288 Pkg. of 2/2.19
(12) 3-Conductor 1/s" Mini Phone Plugs. Solder terminals. 274-284
(13) NEW! 3-Conductor Shielded 1/8" Mini Phone
Plug. With strain relief spring. 274-1547 2.29
2-Conductor 3/32" Submini Phone Plugs. Solder termi-
nals. 15/16" long. Sets of 2.
(14) Black. 274-289, 2/1.59 (15) Red, 274-290, 2/1.59



RCA-Type Phono Plugs

(16) Solderless Right-Angle Phono Plugs. Two red two black, ideal for audio. 274-383 Set of 4/1.99
(17) Solderless Phono Plugs. With strain relief. Two red, two black. 274-384 Set of 4/2.19
(18) Plastic Phono Plugs. Mate with any phono jacks Twist-together plastic housing. 274-319 4/1.9
(19) Phono Plugs. Three black, three red. Plastic sleeving prevents shorts. 274-451 Pkg. of 6/1.93
(20) Shielded Phono Plugs. Easy to solder. Mate with all RCA-type phono jacks. 274-339 Pkg. of 2/1.99
(21) Color-Coded Phono Plugs. Plastic covers. Internal cable clamp. Assorted colors.
274-321



DIN Connectors

For microcomputers and European audio equipment. Solder terminals

Fig.	Туре	Pins	Cat. No.	Price
22	Plug	4	274-007	2.39
22	Plug	5	274-003	2.39
23	Inline Jack	5*	274-006	2.39
24	Chassis Jack	5°	274-005	.99

*Also accepts 3-pin plugs



Inline Jacks Ideal for Making Your Own Extension Cords

Open-Frame Jacks



(34) (35)

Enclosed Jacks Size Cond. Circuit Cat. No. Price 33 33 274-280 1/4" Open .99 2 1/4" Onen 274-282 1.39 3 34 34 1/8" 274-297 2/1.99 2 Open 1/8" 2/1.99 274-296 2 Closed 35 274-249 2/2.29 1/8" 3 Open 274-250 2/2.99 Closed



RCA-Type Phono Jacks



Mike/Audio Connectors

(42) 4-Pin Chassis-Mount Socket. Accepts 4-pin plug. 274-002 1.69 (43) 4-Pin Plug. Cable strain relief. 274-001 2.49



Plug and Jack Sets

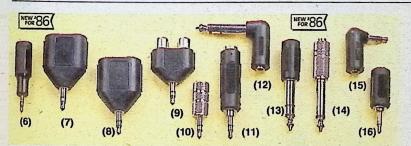
(44) NEW! 1/4" 2-Conductor Locking Plug/Jack Set. Fully shielded. Prevents accidental disconnection. One set. 274-1242 5.99 (45) 1/4" 2-Conductor. Two plugs, two inline jacks. One set red, one black. Screwdriver terminals. 274-1241 Pkg. of 2 Sets/3.99 (46) 1/a" Minl. As above but 1/a" size. 274-283 2 Sets/2.89 (47) Shielded Phono Plugs, Jacks. Two phono plugs and two inline jacks for audio and video applications. 274-334, Pkg. of 2 Sets/2.69

XLR CONNECTORS AND AUDIO PLUG ADAPTERS



XLR Connectors and Adapters

- (1) 3-Pin Inline Socket. Precision crafted. Mates with 274-010. Cable strain relief. 5.29
- (3) 3-Pin Panel Socket. Latching type with pushbutton release. Accepts 274-010. 274-013 5.69
- (4) Adapter/Transformer. "Pro" socket to 1/4" phone plug. Use a mike having a "pro" plug with amplifier or recorder that has 1/4" jack. Built-in transformer adapts low-Z balanced to high-Z unbalanced input. 274-016 15.95
- (5) Adapter/Transformer. 1/4" jack to "pro" plug. Use high-Z unbalanced mike with equipment that requires low-Z balanced input. Use with 274-016 (above) for long cable runs to minimize high-frequency loss. 274-017 ... 14.95



Headphone Adapters

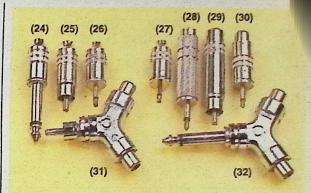
- (7) NEWI "Y"-Adapter. Separate left and right channel outputs (color-coded 1/8" jacks) from a single stereo 1/8" plug. 274-375 3.99
- (8) 3-Conductor Mini Plug "Y". For using two stereo headsets having 1/s" plugs with one audio source. 274-313 4.29
- (10) NEW! Monaural Headphone Adapter. Combines left and right channels from an 1/a" stereo jack for monaural headphones or single earphones having an 1/a" plug. 274-374, 1.99

(11) 1/4" Stereo Phone Jack to 1/6" Stereo Phone Plug. Use standard stereo headphones with personal portables. 274-366 ... 3.99 (12) Right-Angle 1/6" Stereo Phone Jack to 1/4" Stereo Phone Plug. Use mini headphones with 1/4" stereo jacks. 274-371 ... 3.99 (13) 1/6" Stereo Phone Jack to 1/4" Stereo Phone Plug. 274-367 ... 3.59 (14) NEWI Adapter for Communications/ Monaural Equipment. 1/4" mono plug to 1/6" stereo jack. Use "mini" stereo headphones with ham and shortwave radios, scanners and other monaural equipment. 274-348 ... 2.29 (15) Right-Angle 1/6" Phone Jack to 1/6" Phone Plug. Stereo or mono. 274-372, 3.19 (16) 1/6" Stereo Phone Jack to 1/6" Mono Phone Plug. Use "mini" stereo headphones with TVs, radios, recorders, hand-helds and communications equipment. 274-368 ... 1,99

Plug Adapters

(17) "Y"-Adapter. Dual RCA-type phono jacks to 1/4" stereo plug. L-R color-coded. 274-308 ... 4.79 (18) Stereo Dual Jack Adapter. Share your music! Hook up two 1/4" plug stereo headphones to a single 1/4" stereo jack. 274-302 ... 4.49 (19) 1/8" Dual Jack Adapter. Two 1/8" jacks to one 1/8" plug. Monaural. 274-310 ... 2.49 (20) 1/4" Stereo Jack to Mono 1/4" Phone Plug. Use stereo headphones with CB, ham, shortwave and scanner radios and other monaural sources. 274-360 ... 2.39 (21) 1/4" Stereo Jack to 1/4" Mono Plug. Same function as 274-360, but for 1/6" jacks. 274-361 ... 2.49 (22) 1/8" Mono Jack to 1/4" Stereo Plug. Permits listening or recording in mono, from 1/4" stereo headphone jack. 274-363 ... 2.49 (23) Single RCA Phono Jack to 1/4" Stereo Plug. Combines left and right channels from stereo headphone jack to monaural output. 274-365 ... 1.99

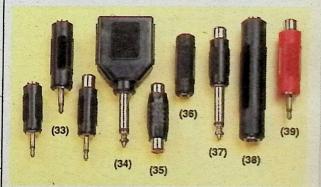




Shielded Adapters to Prevent Hum

Many of these adapters are Radio Shack exclusives, not available elsewhere. They help you avoid having to build patch cables or adapters with potential hum and signal-loss problems. All feature one-piece, all-metal construction and are equally suited to line- and speaker-level signals.

	(24) 1/s" Phone Jack to 1/s" Phone Plug. 274-325
	(25) 1/s" Mini Phone Jack to RCA-Type Plug. 274-326 1.99
ı	(26) 3/32" Submini Phone Jack to 1/8" Phone Plug. 274-328 1.99
l	(27) 1/8" Phone Jack to 3/32" Submini Phone Plug. 274-327 1.99
i	(28) 1/4" Jack to 1/8" Plug. 274-047
I	(29) 1/4" Phone Jack to Phono Plug. Connects mikes, guitars to RCA- type phono jack. 274-389
ı	(30) RCA-Type Phono Jack to 1/s" Plug. 274-330
	(31) "Y"-Adapter. Two RCA-type phono jacks connected in parallel to one RCA-type phono plug. 274-303
	(32) Shielded "Y"-Adapter. Two RCA-type phono jacks connected in parallel to a 1/4" phone plug. 274-304



Adapters for Various Hookups

BUILD IT BETTER WITH RADIO SHACK PARTS



Quiet 120 VAC Cooling Fans

Low 1995

NEW '86

Cool Computers, Hi-Fi and Ham Equipment for Longer Life, Better Performance



Test Clips, Banana Plugs, Binding Posts

(1)

(2)

(2) Banana Jacks. Insulated. Require 1/4" mounting holes. With fiber washers, solder lugs. One red, one black. 274-725 Pkg. of 2/99¢

(3) Insulated Binding Posts. Super versatile—they will accept spade lugs, phone tips, banana plugs or wire. With hardware, solder lugs. Two red, two black. 274-661 Pkg. of 4/2.69

(4) Micro Test Clips. Spring-action. Ideal for testing on high-density PC boards. 11/2" long. Solder type. One red, one black. 270-370 Pkg. of 2/2.19

(5) Flexible Banana Plugs. Like Fig. 1, but with flexible insulation, strain relief. Solder type. One red, one black.

274-730 Pkg. of 2/1.59
(6) Nylon Binding Posts. Insulated. For ³/₁₆" mounting holes. Accept up to 14-gauge wire. With solder lugs. One red, one black. 274-662 Pkg. of 2/2.29
(7) Mini Test Clips. Like Fig. 4, but 2¹/₈"

long. One red, one black. 270-372 Pkg. of 2/2.19



Power Transformers

Seven popular values for new equipment or replacement use. Miniature types may be PC board mounted. Standard and heavy-duty types have lugs for chassis mounting. Primaries for 120 VAC, 60 Hz.

Type	Volts	Current	Size in Inches	Cat. No.	Each
Miniature	6.3	300 mA	21/16×1×13/16	273-1384	4.99
Miniature	12.6	300 mA	21/16×1×13/16	273-1385	5.49
Miniature	25.2	300 mA	23/8×11/8×13/8	273-1386	5.99
Standard	12.6 CT	1.2 A	2 x 23/8 x 11/2	273-1505	8.99
Heavy-Duty	12.6 CT	3.0 A	23/4×21/4×2	273-1511	10.95
Heavy-Duty	25.2 CT	2.0 A	23/4×21/4×2	273-1512	11.95
Heavy-Duty	18.0 CT	2.0 A	23/4×21/4×2	273-1515	10.95

CT = Center Tap



1.5 to 3 VDC

Hobby Motor

NEW '86

AC Line Filter

795

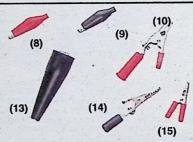
Rated 250 VAC at 5 Amps

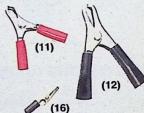
Keeps RF interference from being conducted into equipment (or from equipment) through the AC power line. Ideal for computers, transceivers. 23/e" mounting centers.

273-103 12.95

RF Chokes

Low As





Insulated Test Clips

(9) 13/8" Mini Clips. Open to 1/4". Screwdriver terminals. 6 black, 6 red. 270-1545 Set of 12/2.49

(10) 21/4" Clips. Open to 7/16". Screw-driver terminals. 5 red, 5 black. 270-347 Set of 10/2.29

270-347 Set of 10/2.29 (11) "Regular" Car Battery Clips. 21/4" long, open to 7/s". One red, one black. Solder or crimp.

(12) "Jumbo" Clips. Ideal for hookups to car battery posts. 33/6" long, open to

11/a". One red, one black. Rated 30 amps. Solder or crimp. 270-343 2/2.29

(13) Heavy-Duty Clips. Rated 10 amps. 25/6" long, open to 1/2" Includes 2 black and 2 red. Screwdriver terminals. 270-349 Set of 4/2.69

(14) 2¹/₄" Clips. Open to ⁵/₁₆". Solderless. 3 red, 3 black, 2 green, 2 yellow. 270-375 Set of 10/2.19

(15) Mini Alligator Clips. 19/8" long. 5 red, 5 black. 270-374 . . Set of 10/1.69

(16) Micro Clips. 13/8" long, open to 3/16". Brass-plated steel. Solder type. 5 red, 5 black.

red, 5 black. 270-1540 Set of 10/2.59

Audio Transformer 2²⁹

Perfect for robotics, science class and fun. High torque. 8300 RPM maximum.

Useful for RF filtering, bypass and peaking. Low-loss forms, long leads. 10 µH. 1.5 amps. 273-101 1.29 100 µH. 2.0 amps. 273-102 . . . 1.59

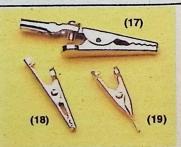
Inductor Assortment



Non-Insulated Clips

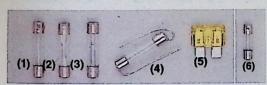
(18) Mini Clips. Rated 1 amp, 11/4" long, open to 3/16". 270-380 . . Pkg. of 12/1.59

(19) All-Purpose Micro Clips. Copperplated, non-serrated ends. 11/8" long, open to 1/4". Pkg. of 10/1.49



Radio Shack—Canada's Place for Electronics Parts

FUSES TO PROTECT EQUIPMENT AND VEHICLES



(1) Fast-Acting, 11/4 × 1/4"

Amps	Cat. No.	Pkg. of 3	Amps	Cat. No.	Pkg. of 3
1/4	270-1270	1.19	- 4	270-1277	1.19
1/2	270-1271	1.19	5	270-1278	1.19
3/4	270-1272	1.19	6	270-1252	1.19
1	270-1273	1.19	7	270-1253	1.19
1.5	270-1274	1.19	8	270-1254	1.19
2	270-1275	1.19	10	270-1279	1.19
2.5	270-1260	1.19	15	270-1280	1.19
3	270-1276	1.19	-	, 5 a	_

(3) Slow-Blow, 11/4 x 1/4"

Amps	Cat. No.	Pkg. of 2	Amps	Cat. No.	Pkg. of 2
1/2	270-1282	1.79	4	270-1289	1.79
1	270-1283	1.79	5	270-1287	1.79
1.5	270-1284	1.79	6	270-1291	1.79
2	270-1285	1.79	7	270-1292	1.79
3	270-1286	1.79	8	270-1293	1.79

(4) Fast-Acting Pigtail, 11/4 x 1/4"

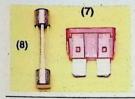
Amps	Cat. No.	Pkg. of 2	Γ
1 2	270-1223 270-1225	1.39	

Amps | Cat. No. Pkg. of 2 270-1227 1.39

(5) 20-Amp "Blade" Auto Fuse, 270-1208. Pkg. of 2/1,29

(6) East Action International France France

Amps	Cat. No.	Pkg. of 2	Amps	Cat. No.	Pkg. of 2
0.315	270-1249	1.29	2	270-1244	1.29
1/2	270-1241	1.29	2.5	270-1245	1.29
3/4	270-1242	1.29	3	270-1246	1.29
1	270-1250	1.29	4	270-1247	1.29
1.5	270-1243	1.29	5	270-1248	1.29



Vehicle Fuse Kits

(7) Plastic "Blade". One each: 5, 7.5 10, 15, 20 amps. Colorcoded. 32 volts. 270-1201..... Set. 2.39

(8) Glass. Includes: Two SFE-20. One each: AGC 3, 10, 15, 25 and 30; SFE 71/2, 9, 14, 20. 270-1262 ... Set 2.49

Circuit Breaker



Rated 2 amps, 120 VAC. Mounts in single 3/8" hole. Trips within 120 seconds at 31/2 amps. 13/16 x 1/2 x 17/16". 270-1310......2.29

Transient Protector



Metal Oxide Varistors divert power-line voltage "spikes". For computers and other sensitive electronics. Solder into circuit.

Standard. 276-570 . . . Heavy-Duty. 276-568.....



Our Low-Cost Testers will Help You Find the Problem

(9) Low-Voltage AC/DC Quick Tester. 5-50 volts. It's the ideal tool for checking automotive wiring and battery operated devices. LED glows on live circuit and Indicates DC polarity. 272-202

(10) Continuity Tester. Doubles as a light-duty screwdriver. Helps spot broken wiring or burned out lightbulbs. Has replaceable #222 bulb. Requires "AAA" battery. Not for use in live cir-



Fuse Holders For 5x20 mm Fuses:

(11) NEW! Four-Position Fuse Block. For 5 X 20 (12) Inline Holder. Overall length including leads

(13) Panel-Mount Holder. Requires 1/2" diameter mounting hole. 270-362......1.39

For 11/4 x 1/4" Fuses:

(14) Four-Position Fuse Block. Sections can be separated. Ideal for vehicle use. Accepts quickdisconnect (auto-type) connectors, or can be soldered. 20 amps per circuit. 270-7423.39

(15) Clip-In Chassis-Mount Holder. Ideal for applications within enclosures. Solder terminals. 270-739 Pkg. of 2/1.19

(17) Panel-Mount. 1½" long, requires ½" mounting hole. Solder terminals. 270-364 1.39 (18) Panel-Mount. Modern-look square bezel. 15/8"

long, requires 1/2" mounting hole. 270-365 .. 1.49 (19) Inline. Spring assures positive contact pressure. 270-12811.29

Handy Vehicle Fuse Tester



Tests "Blade" and **Glass Tube Fuses**

Easy to use! No driver should be without it. Tests automotive fuses without removing them from holder. Indicator lamp lights if fuse is blown. For 12 VDC only. 22-1636 3.39

Replacement Thermal Fuses

NEW '86

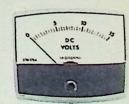
Each

Used as a safety protector in many AC-operated coffee-makers and other heating-type appli-ances. Rated 240 VAC, 10 amps maximum.

Breaks	Cat.
Circuit at	No.
139° C	270-1320
226° C	270-1321

Precision DC Panel Voltmeter

0-15 Volts DC



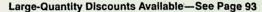
Ideal for monitoring your vehicle's electrical system or the voltage of a power supply. Jeweled movement.

Accuracy, ±5% full scale. 23/4 x 21/4 x 11/4" Mounts in 17/a" round hole. 270-1754 10.95

Universal **Fuse Tool**

NEW '86

Non-conductive tool lets you remove fuses from holders and install them without damage. Works great with plas-tic blade and glass fuses. A must for every carl 270-1199 . . 1.69



QUALITY CAPACITORS AT EVERYDAY LOW PRICES



Axial Type



Radial Type

Low 79¢

Electrolytic Capacitors

Axial Types

μF	WVDC	Cat. No.	Each
4.7	35	272-1012	.79
10 22	35	272-1013	.89
47	35	272-1014 272-1015	.99
100	35	272-1016	1.29
470	35	-272-1018	1.59
1000	35	272-1019	2.39
2200	35	272-1020	3.69
4700	35	272-1022	4.99
1000	50	272-1047	2.99
2200	50	272-1048	4.99

Radial Types

μF	WVDC	Cat. No.	Each
470	16	272-957	1.39
1000	16	272-958	1.59
4.7	35	272-1024	.79
10	35	272-1025	.89
22	35	272-1026	.99
47	35	272-1027	.99
100	35	272-1028	1.19
220	35	272-1029	1.39
470	35	272-1030	1.59
1000	35	272-1032	2.39
100	50	272-1044	1.39

Hi-O Ceramic Discs



69¢ Pkg.

For RF, Bypass and Coupling Applications

Moistureproof coating, Hi-Q design for low loss in RF circuits. Long leads.

4						
pF	VDC	Cat. No.	2-Pack	μF	VDC	C
4.7		272-120 272-121	.69	.001		
100 220	50	272-123 272-124	.69	.01	500 50	
470		272-125	.79	.1	50	

2-Pack	μF	VDC	Cat. No.	2-Pack
.69	.001		272-126	
.69	.0047	500	272-130	.79
.69	.01	500	272-131	.89
.79	.047	50	272-134	.89
.79	.1	50	272-135	.89



100 Disc Capacitors

299 Set of 100

NPOs, Hi-Qs, N-750s, Mylar and ceramic types. Assorted values: WVDC up to 1000.

Non-Polarized **Electrolytics**



Low 439 As

Ideal for speaker crossover networks and audio filters. Rated 50 WVDC.

μF	Approx. Crossover Frequency (8 ohms)	Cat. No.	Each
1.0	10 kHz	272-996	1.39
2.2	8 kHz	272-997	
4.7	4 kHz	272-998	1.39
10.0	2 kHz	272-999	1.59

Metal Film Low 69¢ **Tantalum Capacitors**



Low As 79¢

Maximum capacity in an extremely small package. Standard IC pin spacing. 20% tolerance.

	μF	WVDC	Cat. No.	Each
3	0.1	35	272-1432	.79
1	0.47	35	272-1433	.79
12	1.0	35	272-1434	.89
	2.2	35	272-1435	.99
	10	16	272-1436	1.19

20 Electrolytic Capacitors



Per Pack

Minis and subminis. Assorted values. Up to 50 WVDC. 272-802 Set 2.99



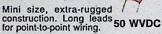
TV Colorburst Crystal

799 Each

3.579545 MHz. Precision frequency standard in HC18/W package. With wire leads. 272-1310 ...

For Printed Circuits

Pkg. of 2



· µF	Cat. No.	Pkg. of 2
.01	272-1065	.89
.022	272-1066	.99
.1	272-1069	1.29
.22	272-1070	1.49

Xenon Strobe Tube

Aluminum deposited polyester film for low leakage, high temp. stability. For PC boards, point-to-point wiring.

Cat. No.

272-1051

272-1053

272-1055



.01

High-Quality Light Source

■ Epoxy Dipped

Each

69

.99

1.49

250 WVDC

For replacement or projects. Trigger: 4 kV. Anode: 300V maximum, 200V minimum. Flash energy: 4W/sec. 100,000flash life. Includes specs. Long-life. 272-1145

High-Fidelity Electret Mike Elements



Low As



Upgrade Old Mikes

(1) PC Board Mount Omnidirectional. 2 to 10VDC, low current drain. 20 to 15 kHz +4 dB. 6.6 mm high. 270-0901.49

(2) Omnidirectional. Clean 30 to 15,000 Hz response, 4 to 10VDC, 71/16 x 3/a" dia. With leads, 270-092 3.19



Trimmers

For low-level RF/IF peaking. Compatible with PC components. Adjustable. Low 459

Value	Max. VDC	Cat. No.	2-Pack
3 to 10 pF		272-1338	
5 to 60 pF		272-1340	
15 to 150 pF	500	272-1339	1.99

Silicon Solar Cell



High Output

 2.5×5 cm cell produces approximately 0.2 amp at 0.42 VDC in full sun. Use several to charge batteries or power projects.

Solar Energy Project Set



Efficient silicon solar cell prewired to a precision DC motor. Perfect for building into model windmills, boats and science fair projects. With color wheels, mini propeller, booklet with information and projects. 277-1201 14.95

Radio Shack for all your electronics

Radio Shack has everything you need for making repairs or for building your own projects

Replacement Antennas

(3) General Purpose (4) Cordless Phone Base

Cordless (5) Phone Handset

(6) Universal Handset

Restore original range and performance to electronic equipment.

Cat. No. Each Fig. Sections Extends to 270-1401 5 301/2" 33 343/16" 270-1402 43 270-1403 393/8" 270-1405 270-1406 301/2" 151/4"

Make Your Ideas Work with Low-Cost Radio Shack Components

WIDE SELECTION OF RESISTORS AND CONTROLS

Arcade-Quality Competition Joysticks

Maze Master. Rugged, short-throw joy-stick features switchable 4 or 8-direction movement-ideal for maze games. Has base-mounted firing button, 8-ft. cord with 9-pin universal connector, Atari VCS, Atari 400, 800, 2600. Sears Video Arcade, Com-modore 64 and VIC 20, more. 35/1e x 33/4 x 33/4". 270-1702 19.95

Deluxe. "Jet fighter" handle. Two firing buttons-one on handle, one on base. 8 direction movement. With 4-ft. cable. 61/8×31/2×45/16". 270-1701 15.95

Joystick Extension



10 feet. 9-pin D-sub male connector at one end to 9-pin D-sub female, 276-1978 5.99



Was \$19.95 in 1985 Catalogue

Alaris is a registered trademark of Atari, Inc. VIC-20 is a registered trademark of Commodore International. Sears Video Arcade is a trademark of Sears Roebuck & Co.

1/2-Watt, 10% Resistors 59c Pkg.

Cat. No.

271-8001

271-8003 271-8005

271-8009

271-8010

271-8011

271-8012

271-8013

271-8014

15

47

68

82 100

150

Ohms	Cat. No.
220	271-8015
270	271-8016
330	271-8017
390 470	271-8018 271-8019
2.70	
560 680	271-8020 271-8021
1k	271-8023
1.2k	271-8024
1.5k	271-8025

Ohms	Cat. No.
2.2k	271-8027
3.3k	271-8028
3.9k	271-8029
4.7k	271-8030
5.6k	271-8031
10k	271-8034
15k 22k	271-8036 271-8038
33k	271-8040
391	271-8041

	Ohms	Cat. No.
	47K	271-8042
	100K	271-8045
	220k	271-8049
	470k	271-8053
	1 meg 2.2 meg	271-8059 271-8061
		2
100	CONTRACTOR OF THE	

1/4-Watt, 5% Resistors 59c Pkg.



	to the state of the same of		A STATE OF THE PARTY OF THE PAR
hms	Cat. No.	Ohms	Cat. No.
10	271-1301	470	271-1317
00	271-1311	1k	271-1321
50	271-1312	2.2k	271-1325
20	271-1313	3.3k	271-1328
70	271-1314	4.7k	271-1330
30	271-1315	10k	271-1335

Ohms	Cat. No.
22k	271-1339
27k 33k	271-1340 271-1341
47k	271-1342
100k	271-1347
220k	271-1350

Ohms	Cat. No.
470k 1 meg	271-1354 271-1356

Potentiometers









(1) Potentiometers. All have a 111/16"-long, 1/4"diameter shaft and mount in a 5/16"-diameter hole.

Audio Taper

Ohms	Cat. No.	Each
5k	271-1720	1.99
10k	271-1721	1.99
100k	271-1722	1.99
500k	271-1723	1.99
The second second	100000000000000000000000000000000000000	1000

Linear Taper

Ohms	Cat. No.	Each
5k	271-1714	1.99
10k	271-1715	1.99
50k	271-1716	1.99
	271-092	1.99
500k	271-210	1.99
1 meg	271-211	1.99

(2) SPST Pot Switch. On/off switch mounts on rear of audio taper and linear taper potentiometers. Rated 3A at 120VAC. With instructions. 271-1740 1.19

(3) 10k-Ohm Audio Pot With SPDT Switch. Mini size. 1/4"-dia. shaft. Fits 5/16" hole. 271-215 2.69

PC Board Potentiometers



Thumb or screwdriver adjustable. Rated 1/4 watt. 260° rotation.

Ohms	Cat. No.	Each
500	271-226	1.19
1k	271-227	1.19
5k	271-217	1.19
10k	271-218	1.19
50k	271-219	1.19
100k	271-220	1.19
1 meg	271-229	1.19

Wirewound Power Resistors

Low 79 Tolerance As

Each

10 02 10 x 2 W **Axial Leads**

Watts	Ohms	Cat. No.	Price
2	10.0	271-080	2/.99
5	0.47	271-130	Ea.J.79
10	1.0	271-131	2/1.49
10	10.0	271-132	2/1.49
10	50.0	271-133	2/1.49
10	100.0	271-135	2/1.49

Miniature PC Pots



Each

Ohms	Cat. No.	Each
1k	271-333	.99
10k	271-335	
25k	271-336	.99
100k	271-338	.99

15-Turn Pots

■ 3/4-Watt is PCB Mount

1000 Ohms. 271-34:	2	76			. ,									2.49	
10k Ohms. 271-343														2.49	
20k Ohms. 271-340	-			3								-		2.49	

1/2-Watt Resistor Kit



10% Tolerance. 100-piece set with 21 popular values ranging from 100 ohms to one megohm. 271-306......... Set 4.99

1/4-Watt Resistor Kit



5% Tolerance. 100-piece set with 13 popular values from 10 ohms to one megohm. 271-308 Set 4.99

Precision **Metal Film Kit**

50 Pieces

1% Tolerance, 50 pieces with 12 popular values from 10 ohms to one megohm. 271-309 Set 3.99

Metal-Oxide Resistors

Small size, tight 5% tolerance. Rated one watt.

Ohms	Cat. No.
. 100 1000	271-151 271-152 271-153

100k Stereo Control



Precision "Feel"

Dual ganged pots with single 1/2"-long, 1/4"-diameter shaft, 40% loudness contour tap. Mount in 3/8"-diameter hole. 271-1732 2.99

12 Potentiometers **And Trimmers**





Assorted Styles

299

May include wirewounds and multiturns. 271-1605 Set 2.99

See Page 93 for Information on Large Quantity Discounts

Color Code Guide



99¢

Pocket-sized and really handy. Gives you fast, direct readout of resistor, capacitor and inductor values in ohms, pF and uH. 271-1210 99¢

Ohm's Law Slide Chart

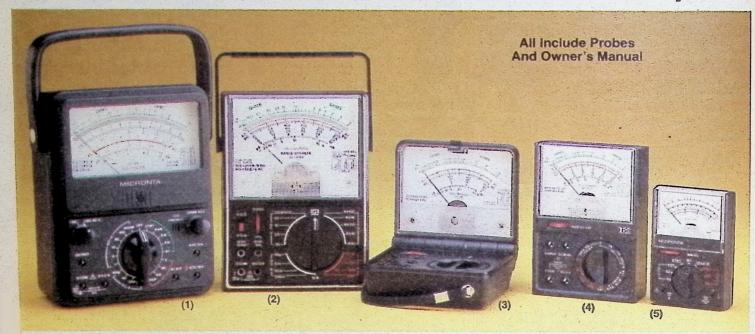


Pocket Size

Easy to use-quickly computes and answers Ohm's law problems. Flip-side has scales for parallel resistance calculations,

271-1211 99¢

MICRONTA® MULTITESTERS ARE YOUR BEST VALUE Our Reliable Troubleshooters and Testers—Accurate Everytime!



(1) 21 Ranges, 30,000 Ohms Per Volt. A professional-grade precision instrument at a very low price. Features an extra-large color-coded scale, timesaving "beep" continuity function and polarity-reverse switch. Easy access to battery/fuse compartment. Measures to 1000 volts DC in 7 ranges, 1000 volts AC in 5 ranges, DC to 10 amps in 5 ranges. Resistance in 4 ranges (10 ohms center scale). dB: -20 to +62, 5 ranges. Accuracy: ±3% DC, ±4% AC. Fused and overload protected. "Off" position protects the meter movement during transit. 611/1e×57/1e×25/e". Requires 9V and "C" cell.

(5) 8 Ranges, 2,000 Ohms Per Volt. Incredibly easy to use! It's the perfect beginner's VOM and also a great second meter for the car or toolbox. Has 2" meter, color-coded mirrored scale and "off" position to protect meter movement during transit. Measures to 1000 volts AC/DC in 6 ranges. DC to 150 mA. Resistance to 100,000 ohms. 31/2×21/4×11/4". Requires "AA" cell. 22-212

5-Range Clamp-On AC Ammeter

Measures Current Without
Breaking Line Being Checked

79

Essential for servicing HVAC systems. Easily test AC circuits and determine energy consumption of appliances. Clamp jaws easily insert into narrow places. Five ranges: 0 to 6, 15, 60, 150, 300 amps, up to 250 VAC. Inline inductive pickup and × 10 multiplier for testing appliances with AC power cord. Large range selector, pointer lock switch, mirrored scale. Accuracy: ±3% of full scale. 4×2×3/8". 22-160 . . 79.95

Overload Protected

Tester Carrying Case

995

Fits Tester Nos. #22-204, #22-201, #22-188, #22-189, #22-191 and #22-160

Meter not included

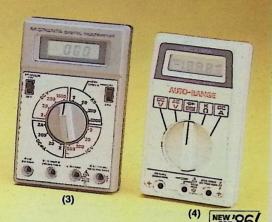
Protect your tester with a handy carrying case. Holds leads, manuals, fuses and extra batteries. Inside measurements: 8×51/4×2".
22-153 9.95



OUR EASY-TO-USE LCD DIGITAL MULTIMETERS Step Up to Digital Precision at an Affordable Price!



Fused and Overload Protected Include Test Probes, Owner's Manual



(3) 16 Ranges. Full auto-polarity operation, low-battery and overrange indicators. Measures to 1000 volts DC in 4 ranges, 500 volts AC in 4 ranges. Accurate from 45 Hz to 10 kHz. DC current to 2 amps in 4 ranges. Resistance to 2 megohms in 4 ranges. $5^3/_{16} \times 3^1/_{4} \times 1^7/_{16}$. With spare fuse. Requires 2 "AA" cells. 22-189 69.95



8-Range Battery Tester

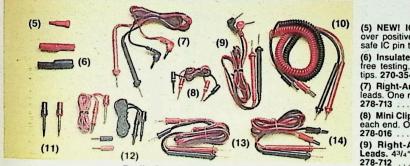
1695 With Leads for Testing Non-Standard Batteries



Microwave Leakage Detector

1795 Checks Microwave Oven Door Seals

Microwave frequency leakage from faulty oven door seals can cause serious and even permanent health problems. Just move along the door seals and meter indicates relative amount of microwave energy. Not a certification instrument. 22-2001 17.95



Extra Test Leads, Kits and Clips

(5) NEW! IC Test Probe Adapter. Fits over positive (+) test lead for accurate, safe IC pin testing. 270-3351.79

(6) Insulated Alligator Clips. For handsfree testing. One red, one black. Probe tips. 270-354 Palr/2.19

(7) Right-Angle Banana Test Leads. 36" leads. One red and one black.

278-713 Pair/3.99
(8) Mini Clip Leads. 20" long. Mini clip at each end. One red, one black.

278-016 Pair/4.99
(9) Right-Angle Pin Tips With 36"
Leads. 43/4"-long probes.

(10) 6-Foot Coiled Test Leads. Probes with banana plugs fit most testers. 278-750 Pair/4.99

(11) Mini Hook Test Clip Adapter. Adapts probes for measurements on high-density PC boards. 270-334 Pair/2.39

(12) Mini Clip Test Leads. 20" long. Mini clip at one end, banana plug at other. 278-1160 Pair/5.49

278-1160 Pair/5.49
(13) 36" Leads With Pin Tips. 41/4"-long

probes. One red, one black. 278-705 Pair/3.99 (14) Banana Plugs With 36" Leads.

41/2"-long probes. One red, one black. 278-704 Pair/4.99

Radio Shack Multitesters Include Color Coded Test Leads and Easy-to-Understand Owner's Manuals

ARCHER® SOLDERING TOOLS — GREAT CONNECTIONS

Professional Quality Soldering Iron

Our Best Professional Soldering Iron



Industrial quality 45 watt, 3-wire soldering iron that is completely grounded from plug to tip. Produces tip heats from 482 to 538° C (900 to 1000° F), making it perfectly suited to electronic production line work and servicing jobs. Features replaceable heating element and thread-on tips. Comes with iron-clad, silver-

Ouality Selection of Soldering Irons



75-Watt Soldering Gun



Soldering iron is ideal for household and electrical work. Turns "on" instantly when Replacement Tips. 64-2392/2.95

27-Watt Soldering Iron



- Fast High-Heat Tip
- Copper Alloy Tip

Good utility pencil-type soldering iron has fast high-heat tip that's ready to use in 60 tips. 64-88057.19

64-2085

Interchangeable Soldering Iron Parts



3 Copper Tips

27-Watt Element 33-Watt Element

45-Watt Element

Interchangeable heating ele-ments and quick and easy thread-on tips let you adjust your soldering to suit many applications. Ideal to complete any professional electronics workshop. All high quality parts to make your work high-quality.

2 Iron-Clad Tips

Description	Watts	Cat. No.	Each
600-650°F Heating Unit	27	64-2081	7.99
750-800°F Heating Unit	33	64-2082	11.99
900-1000°F Heating Unit	45	64-8804	13.99
Light. Med. Heavy Duty Copper Tips (Pkg of 3)		64-2084	6.49
Light Duty Iron Clad Tips (Pkg. of 2)		64-2089	7.59

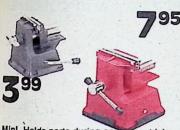
Soldering Tools and Accessories



(11) Soldering Iron Holder and Cleaner. 64-2078 . . 7.95 (12) Desoldering Bulb. Tef-Ion tip takes up solder. (13) Solder Tape. 100 pieces. 64-010 1.99 (14) Desoldering Braid. 64-2090 2.99 (15) Vacuum Desoldering Tool. Non-stick tip, aluminum housing. 64-2098 7.99 (16) Vacuum Desoldering Tool. Spring-loaded design. Molded housing.

UNIQUE ACCESSORIES TO MAKE THE JOB GO EASIER

Vacuum-Base Vises



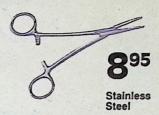
Mini. Holds parts during on-the-spot jobs. Mounts instantly to smooth, non-porous surfaces. $2^3/4 \times 2^3/8 \times 2^3/8^n$.

64-2094 Hobby. 50% larger than above. 31/2 x 31/2 x 31/4". 64-2095 7.95 "Helping Hands"



Extra Pair of Hands for Glueing, Soldering, Painting

Perfect addition to hobby or work bench. Six ball joints and two nickelplated alligator-type clamps adjust to hold work securely in any position. Solid cast-iron base. 64-2093 . 11.95 6" Locking Forceps



Use as temporary heat sink and for picking up or holding small or mediumsize parts. Three-position lock, curved serrated tip. Box-joint construction. 64-1866

Miniature Butane Soldering Torch



= Up to 1370°C (2500°F)

■ Self-Contained

Precision **Utility Knife Knife Set** NEW '86



Ten interchangable multipurpose steel blades for deli-

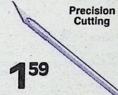
cate cutting operations. With fitted case. 64-1801 . . 7.59

Blade Locks in Place

Perfect for cutting, scoring or trimming. Snap blade end off when dull for fresh edge. With extra blade.

64-1868

Hobby Knife



For artists, hobbyists and craftsmen. Surgically sharp steel blade. All metal. 53/4" long. 64-1805 1.59

Soldering Tweezer



Blunt, self-closing serrated points for extra holding power. Doubles as a heat sink. 61/2" long, forged steel. 64-1915

Small enough to fit in a pocket or tool box, yet rugged enough for many jobs. Unit features precise many jobs. Only leading predicts and controlled high temperature flame. Cylinder lasts up to 60 minutes. With refill. 64-216418.95

Butane Cylinders. 64-2166

.. Pkg. 2/5.29 Micronox Cylinders. (Not for use with above torch). 64-2167 Pkg. 2/4.49

Mini Drill



erfect for working on printed circuit boards and other light material. Rugged, lightwelght molded design, 31/4" long. 64-2097 . . . 4.99

Soldering Aid Set



Four-piece set includes heat sink, brush/scraper, and pointed and slotted probes. 64-2227 3.99

Speed Wrench



Fits All Nuts and Bolts from 5/16-9/16"

Spring-loaded serrated jaws. Automatically self-adjusts. Even works for minor plumbing repairs. Chrome plated. 64-1867 4.95

Automatic Wire Stripper



Pro-quality tool removes insulation from 8 to 22-gauge wire without nicks or breaks. 7" long. 64-1919 ... 13.95

Wire Strippers



"Dial" Stripper. Set dial to per-fectly strip/cut #12-24 wire.

(1)

Tin/Lead **Rosin Core** Solder

Low as

60% tin, 40% lead For All Kinds of Soldering Jobs

(1) ½ pound, 0.062" diameter. 64-8004......10.95 (3) 8 feet, 0.03" diameter. 64-8003......1.99

Hex Key Set



Eighteen pieces. Complete range of short and long arm sizes. Tempered steel for long life. 64-1849 2.99

Reversible Screwdriver



2-in-1 reversible driver has #1 Phillips and 3/16" stand-ard heads. Lock securely in place, Molded handle, 64-19503.99

8-Piece **Nutdriver Set**





Interchangeable tempered steel drivers. 1/8, 3/16, 1/32, 4', 9/32, 5/16, 11/32, 3/8, plus handy storage case.

There's a Radio Shack Store or Dealer Near You-Wherever You Are

ARCHER® TOOLS AND HARDWARE MAKE JOBS EASIER

Boxed Precision Tool Sets



(1) 1295



(1) Assorted Drivers. Set of 16 popular drivers—great for all kinds of handywork. Includes four Phillips drivers, three nutdrivers, three hex keys, six screwdrivers and a

(2) Crosspoint Precision Screwdriver Set. Sizes include 1.4/1.6/2.0/2.4 mm for #0 drivers and 2.9/3.8 mm for #1. Designed for fine work, such as watches or jewelry. 64-1962 5.95

Screwdrivers. Set of six precision screwdrivers, one for nearly any job. Sizes #1-6. Chrome-plated brass handles. swivel tops. Widths from 0.8 to 3.8mm.

Phillips and Hex Keys. Versatile set of five with two different-sized Phillips screwdrivers, three hex key wrenches and torque bar. Fitted case keeps tools organized. 64-1958 5.95

Combination Screwdrivers. Six precision screwdrivers. Two Phillips and four regular, Assorted sizes. Onehand operation. 64-1959 5.95

Nibbling Tool



Hand-held sheet metal cutter. Cuts up to 18-guage steel, "16" copper, aluminum and plastic. Perfect for automotive work or household repairs and projects.

Set of 3 Mini Screwdrivers



With Carry Pouch

Crimping

Tool

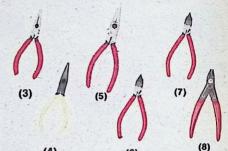
Keep these swivel headed mini screwdrivers on hand

0

(10)

(21)

Handy Pliers and Cutters



(3) 5" Long-Nose. Drop forged for long life, polished (4) 51/4" Long-Nose, Professional quality. Spring return, insulated grips. 64-1812 (5) 61/2" Needle-Nose. Durable hardened steel. Comfortable insulated grips. 64-1844 4.95

(6) 41/2" Diagonal. Slips in to cut wire in those hardto-get-at places. With insulated grips. 64-1841 . . 4.59 (7) 41/2" Diagonal Cutters. Spring return, longlasting, professional quality. Insulated grips.

(8) 5" Nippy Cutters. Flush-cutting design lets you cut leads close to PC boards. Great for your bench.

Deluxe Crimping Tool Set



Insulated Grips

(17)

Tr

Set includes crimping tool and an assortment of 100 of the most popular insulated solderless crimp-on terminals. Includes convenient plastic storage case. 64-409

■ Corrosion

(18)

Protected

199

Crimps terminals, strips and cuts 10 to 22-gauge wire. Comfortable cushiongrip handles. 81/2" long. 64-404

(9)

(20)

Solderless MND

20 ring, hook, and large/ small spade-tongue lugs. Pkg. of 100.

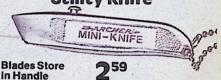
64-406 2.49 **NEW!** Insulated Lugs. 34 for 14-16 and 18-22 wire, plus 7 for 10-12 wire. 64-407 ...

(11)

(22)

(31)

Utility Knife



Handy utility knife is the ideal tool for cutting, scoring or trimming. Blade locks in four convenient positions. Mini size, measures 25/6" in length. 64-8102 ... 2.59 Replacement Blades. 64-8103 ... 1.89

(15)

(26)

(16)

(27)

Hardware in Handy "See-Thru" Packs

Only

Per Pack

Repairs and projects go easier with the right hardware. Packaged in clear plastic so you can see what you're getting. Metal pieces are either nickel-plated, tin-dipped or electro-tin plated for long service. Stock up now!

(9) Round-Head Machine Screws, 14 each: 2-56×1/4", 1/2", 3/4" 64-3010 14 each: 4-40×1/4", 1/2", 3/4", 64-3011 14 each: 6-32 x 1/4", 1/2", 3/4", 64-3012

(10) Steel Machine Hex Nuts. 40 each: 2-56 64-3017 30 each: 4-40 64-3018 30 each: 6-32 64-3019

(11) Steel Flat Washers. 20 each: #2, #4, #6, #8, #10, 64-3022

(12) Control Nuts. 8 each: 3/8"-32. 15/32"-32 and 7 of 475"-32, 64-3020 Metric Control Nuts. 7 each of 13.0 x 2.4 and 15.0 x 2.0. 6 each: 15.0 x 1.5, 64-3063

(28) (13) Aluminum Spacers. 2 each: 1/4", 1/2", 3/4". 1" sizes for #4, #6 & #8 screws. 24-pack. 64-

(19)

(14) Vinyl Grommets. 7 each: 1/4", 5/16", 3/6", 5 each: 7/16", 1/2", 54-3025

(15) Wire Connectors, 16 assorted connectors for wire sizes #18 thru #12, 64-3026

(16) Polypropylene Cable Clamps. 6 each: 1/a", 3/15", 1/4" cable diameter. 64-3028

(17)—(19) Solder Lugs. 40 pleces: #6, #8, #10 mounting holes. 64-3029

(20) Solderless Ring Tongue. 6 each: #6, #8 (22-18 wire size). #6, #8 (16-14). 64-3030 (21) Solderless Spade Tongue. 6 each: #6, #8 (22-18). #6, #8 (16-14). 64-3031

(21), (24) Solderless Spade. 3 each: #4, #8. Insulated, 2 each #4, #6. 64-3042

(22) Solderless #10 Spade Tongue. 12 each: (22-18), (16-14). 64-3034

(12)

(23)

(32)

(13)

(24)

(33)

(25)

(23) Solderless Insulated Ring Tongue. 4 each: #6 (22-18). 2 each: #8 (22-18), #6 & #8 (16-14). 64-3032

(24) Solderless Insulated Spade Tongues. ted as above. 64-3033

Solderless Insulated #10 Spade Tongues. 5 each: (22-18), (16-14). 64-3035

(25) Butt Connectors. 10 each: (22-18), (16-14), 64-3036

(26) Insulated Butt Connectors. 5 each: (22-18), (16-14). 64-3037 (27) Male Quick-Disconnects. 2 of 3/6", 4 of 1/4", 2 each; insulated 3/6", 1/4", 64-3038

(28) Female Quick-Disconnects. Assorted as above, 64-3039

(29) Single Female to Dual Male Quick-Disconnect. 3 right angle and 3 offset in-line.

(30) Bullet Connectors. Insulated. Three 2-way receptacles. Six snap-lugs. 64-3047

(31) Nylon-Insulated Closed-End Connectors. 5 each: (22-14), (16-10). 64-3041

(32) Solderless Flanged Spade. 6 each: (22-18) #6 & #8. (16-14). 64-3043

(33) Solderless Insulated Flanged Spade. 4 each: #6 (22-18). 2 each: #8 (22-18). #6 & #8 (16-14). 64-3044

(34) Female Flag Quick-Disconnect, 5 each: 3/16" & 1/4", 64-3046

(35) Solderless Insulated Male/Female Quick-Disconnect. (22-18, 16-14 wire size). 1/4" labs. 4 sets. 64-3049

(36) Insulated Large Ring Tongues. 2 each: 1/4", 3/8", 1/2" stud. #16-10. 64-3040

There's a Radio Shack Store or Dealer Near You—Wherever You Are

HANDY ACCESSORIES FOR THE DO-IT-YOURSELFER

Component Cleaning Sprays



- (1) Dust Remover Spray. Cleans all types of circuits, cameras, computer keyboards, copiers, projectors and much more. Spray leaves no residue. Net weight, 6 oz. 64-2325 2.99
- (2) Cleaner/Degreaser. Sprays away oil, dirt and grime from circuitry and components. Great for the workshop or bench. Net weight. 8 oz. 64-2322
- (3) Color TV Tuner Cleaner. Poor picture? Spray this concentrated formula into mechanical color tuner to clean and lube contacts. Helps stop "noise". Net weight, 6 oz. 64-2320 2.99
- (4) Component Cooler. Spray on resistors and capacitors to chill and spot thermal defects. Safe for use with all circuits. Net weight, 6 oz. 64-2321

TV Tool Sets



5-Pc. Color TV Kit. Eight hex tips, two slot tips. 64-2220 4.99 2-Pc. Kit. Fits most RF and IF transformers.

64-2223 1.99

	Zeller	
1	Precision	
4	Oiler	
217		
	779	

Use for electronic equipment, toys, etc. Resists dust, doesn't coagulate. Needletip applicator. 1/4 oz. 64-2301 2.79

Adhesives for Ouick Repairs



- (5) Twin-Tube Epoxy. Meters out resin and hardener simultaneously to bond wood, metal, glass, most plastics, leather and other materials. Perfect for quick and long-lasting repairs without the usual mess. Net weight 1 oz. 64-2313
- (6) All-Purpose Adhesive. All-in-one adhesive works on china, glass, wood, metal and much more. A must for around-the-house repair jobs. With easy-to-use no-clog applicator. 1-oz. 64-2307 ...
- (7) Silicone Rubber Sealer. Bonds, seals, caulks. Applies evenly and it's moisture resistant. Use at home, workshop, boat, RV. With applicator tip. 64-2314

Magnet Tape



Sticky on one side, magnetic on the other so you can attach notes and pictures to the fridge, or tools to any flat metal surface. 64-80102.99

Carton Sealing Tape



165-Ft. Roll

For packages and envelopes. Great for shipping. Forms airtight seal against moisture, dust. High tensile strength. 2" wide. 64-2339 ...

2-Sided Foam Tape



289

40" Roll

For fastening accessories to car dash, pictures to walls, almost anything to anything. 3/4" wide. 64-2343 2.89

Heat-Shrinkable Tape



10-Ft. Roll

Use where normal shrink-

Ceramic Magnets



25-99 28¢

100-Up **26**¢

Handy 5-Pack Electrical Tape



Pkg. of 5

Assorted Colors

Winyl. For color-coding, many oother home, shop, auto uses. 31/4" x 12 ft. rolls. 664-2340 2.99

Whether it's for

your projects, a

wepair job or for maintenance,

what you need is

at Radio Shack

10kV Dielectric Tape



Electrical tape is ideal for your workshop or toolbox. 33-Ft. Roll. 64-8008..... 89¢ 66-Ft. Roll. 64-8009....1.39

2-Sided Foam Tape Strips



799 Pkg. of 8

1" Wide, 3" Long

Instantly fastens almost anything-pictures to walls, accessories to auto dash, etc. 64-2344 2.99

Hook-And-Loop Fastener Strips



Pkg. of 4

Long-lasting 3" strips are great for attaching grill cloth to speakers, home repairs, etc. 64-2345 2.99

Insulated Wire Staples



10-24

30°

Each

- (8) Mini. For modular phone wiring. Pkg.-50. 64-2876 ... 1.39
- (9) Standard, Ideal for speaker wires, Pkg.-40, 64-2875 . 1,49

Tapered Reamer



Cuts holes up to $1/2^n$ in diameter through light-gauge steel, aluminum, circuit boards and plastic. 64-815 3.99

Magnetizer Demagnetizer Magnetize



Super-efficient magnet magnetizes screwdrivers. Lets tools hold onto screws, etc. 64-1870

Self-Sticking Cushion Feet



Great for projects, or as replacements on radios, calculators, more. Just peel and stick.

Jumbo-Size **Cushion Feet**



Self-sticking 3/4" square cush-ions are ideal for large items: TVs, computers, speakers, etc. 64-2342

Radio Shack-65 Years of Value, Service and Reliability

139

SAFEHOUSE® 24-HOUR ALARM SYSTEM PROTECTION



Low-Cost House-Wide Protection

14995

*Low As \$25 Per Month on Bencharge

Around-the-Clock Security for Your Home and Family Add Accessories to Custom Design Your Own System







A Silent Alarm That Works Alone or With a Security System for Extra Protection

14995

- Auto-Dials Up to Three Numbers That You Program and Plays Your Personal Prerecorded Message
- Large Instant-Dial "Panic" Button

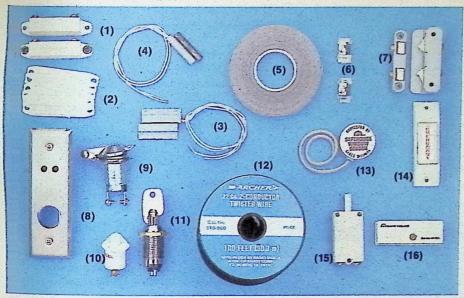
This "silent alarm" is one of the most effective security systems you can buy—because prowlers are unaware that help is being called by an auto-dialing system. Just press a button and get Immediate dialing of three phone numbers of up to 15 digits each. And when you're away, it can be triggered by most burglar alarms and security sensors to alert you of danger. Has 20-second outgoing message tape, monitor switch, built-in mike, battery-check button, LED status indicators and modular phone cord. Automatic battery backup system in case of AC failure. Pulse dial system works on tone or rotary lines. Backup requires 3 "AA" and 4 "C" cells. 3½ x 9 x 6½". AC operation.

There's a Radio Shack Store or Dealer Near You-Wherever You Are

ACCESSORIES FOR YOUR ALARM SYSTEM



Bencharge Revolving Credit* See Page 3



Switches, Contacts, Foil, Detectors & More

(V.) Pool/Milidom SMITCH.	Contacts close as magnet
eengages. 49-495	4.99
((1) As above, but contacts of	nnen as mannet ennanes
((2) Spacers. For use with a	

uuneven surfaces. 49-519 Pkg. 6/1.49

(3) Mini Magnetic Switch. Contacts close when mag-(4) Concealed Magnetic Switch. Mounts inside door cor window frame. 49-4965.99

(15) Foll. Connects to alarm and glass. 120-foot x 3/8"

((6) Adhesive Connectors.

449-504..... 3 Pair/3.99 ((7) Foll/Vibration Contact. Mount half on window or cdoor, other half on frame. 49-5185.95

((6) Remote Key Plate. Red, green LED status indicators, tamper switch. For most keyswitches. 6 and 1112VDC. Mounting hardware. 49-524 8.95

(10)	Contact Switch	Denress	plunger to close co	n-
tacts	s. For windows, d	oor frames.	With terminals, har	d-

(11) High-Security Round Lock Switch. Key removes in "on" or "off". Two keys. 49-51111.95 (11) Above, but momentary contact. 49-523 .11.95

(12) 100 Feet 2-Conductor Twisted Wire. For use in making alarm system connections. 22-gauge. 278-8609.99

(13) Glass Breakage Detector. Guards up to 32

(14) Panic Switch. Triggers instant alarm. Contacts close when button is pushed. For N.O. circuits.

(15) Tamper Switch. Protects alarm panels, siren, bell boxes. Depress plunger to open contacts. For N.O.



Security Sirens and Warning Decals

(17) High-Power 2-Sound Siren, Loud rise-fall or steady sound. Adjustable base. Weather-proof. 1 amp at 6 to 12VDC. 49-525...59.95

(18) Electronic Siren. Dual-sound-rise-fall or steady. Weatherproof. 1/2A, 12VDC.

(20) Warning Decals. Vinyl adhesive mounts on glass, warns away burglars.

Digital Key Switch

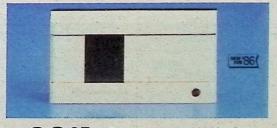


■ Use With Most **Alarm Systems**

■ Tamper Switch

RProgrammable secret code arms or disarms systitem. Red and green LEDs show status at a glance.
110,000 combinations you can set. Ideal for use as I In-Wall Mounting Box. 279-341 4.99

Passive Infrared Sensor



Detects Intruder's Motion by Sensing Body Heat

Mounts on wall to cover area 35-feet long, 20-feet wide. Use with #49-450 and other alarm systems. Walk-test LED determines area covered. Has N.O. tamper switch. Requires 12VDC at 20 mA.

Security Strobe Light

Brilliant! Visible Even in Fog



Helps police or fire department locate your home quickly during an emergency. Waterproof, 100,000 candle power. Requires 12VDC at 0.2 amp. 49-52729.95

WIRELESS MOTION-DETECTION ALARM SYSTEMS



Passive Infrared Motion-Sensor Intrusion Alarm With Battery Backup

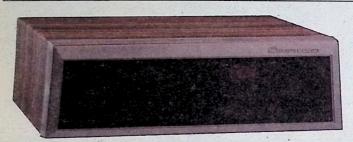
159⁹⁵

*Low As \$25 Per Month on Bencharge NEW '86

Available Oct., 1985

- Nothing to Install—Just Plug Into AC and Aim
- Infrared Sensors Detect Intruder's Body Heat and Motion

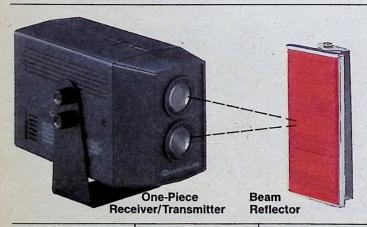
Protect your home! Covers a 20 x 30-ft. area with a motion and heat-sensing field that, when disturbed, activates a loud, built-in alarm that auto-resets after 5 minutes. A 15-second entry delay and 20-second exit delay allow time to enter or leave the area without triggering alarm. Terminals for external alarm, remote arm/disarm switch, security dialer. Walk-test LED defines protected area. 33/4 x 10½ x 8½". AC operation. Requires 8 "C" cells for battery backup.



Ultrasonic Motion-Sensor Alarm

9995

- No Installation—Just Plug Into AC
- "Walk-Test" Lamp Defines Protected Area
- Covers 20-Foot by 30-Foot Long Area



Photorelay Alarm System With Infared Pulsed Beam

9995

For Homes or Businesses Guards Against Intruders And Announces Customers

Low-priced, round-the-clock protection for your home or business. Transmitter lens shoots a beam of invisible infrared light across a space of up to 50 feet to the reflector, which bounces it back to the receiver lens. When the beam is interrupted, the built-in alarm is triggered. Alarm can be set to sound momentarily, for 5 minutes with auto-reset, or for 5 seconds. Features LED test alignment indicator, adjustable sensitivity control and built-in buzzer, plus connections for optional battery backup in case of power failure (requires 12V lantern battery), external 12VDC bell, siren or security dialer, $41/8 \times 3 \times 71/4$ ". With adjustable mounting bracket. AC operation. 49-307. 99.95

Window/Door Alarm



Alarm sounds when opened. With screws and adhesive backing. Requires 2 "AA" cells. 49-494 4.99

142

Personal Powerhorn®



Fits in pocket or purse. Blast can be heard up to 1/2-mile away. 49-600 . . 7.95

Window/Door Stop



Stops Burglars

Halts opening of sliding windows and doors. Adjustable. 49-5402.49

Electronic Door or Window Alarm



Loud, shrill alarm. Exit/entry delay. 51/e × 21/4 × 11/4". Requires 9V alkaline cell. 49-421 14.95

Combination Alarm & Entry Chime

3295





Prices in Effect at All Radio Shack Stores and are the Maximum at Authorized Sales Centres (DEALERS)

PROTECTION FOR HOME AND CAR



Bencharge Revolving Credit* See Page 3

Deluxe Ultrasonic/Perimeter Alarm System



159⁹⁵

- Automatic Shutoff and Reset
- 30-Second Exit/Entry Delay
- 24-Hour Panic Alarm Circuit

Ultrasonic plus perimeter protection! Keyboard code arms/disarms alarm. "Walk-Test" defines protected area, up to 20 x 30 feet. Has loud built-in alarm or you can add an optional external alarm. Battery backup requires eight "C" batteries. Simulated walnut finish. Measures 3% x 10% x 81%", 49-304 ... 159.95

"Silent" Alarm with Pocket Receiver

11995

You Hear the Alarm Over ½-Mile Away But the Thief Doesn't



MOSIEATE

Available Nov., 1985

NEW '86

Keyless Auto Alarm System

4995

No Key To Lose Or Forget

Arms after last door is shut. Loud penetrating alarm can be easily heard. 20-second entry/40-second exit delay. With mounting hardware. 12VDC neg. gnd. 49-781 ...49.95



Intrusion or tampering triggers loud 3-minute alarm, then resets. 40-second exit/20-second exit/

second exit/20-second entry delay. With mounting hardware. 12VDC neg. gnd. 49-762...69.95



Hide A Key

89¢



Extra Pin Switches

299 Pkg. of 2

Low-Cost Auto Motion Detector Switch

Keyless Alarm With Motion Sensor

Senses Movement 795



Mounts under hood. Add to any of the automotive systems above.

Adjustable sensitivity. Normally open circuit. 49-5207.95

ELECTRONICS FOR DETECTION AND PROTECTION



Ionization/Smoke Detector/Alarm

Audible and Visible Low-Battery Warning Circuit







to wall...

to celling

Included

Protect your family with an afforda-Protect your family with an affordable Safe House smoke alarm. Sensitive battery-powered detector responds quickly to smoke or invisible combustion particles. Sounds a loud, built-in alarm. LED flashes periodically to show you at a glance that your unit is working. Test button lets you manually test alarm. Low battery warning circuit indicates when the battery needs replacing. Includes 9V battery and mounting hardware. 49-8076 19.95

Strike It Rich With Our Metal Detectors—For Fun or Profit



Very Low Frequency Metal Detector

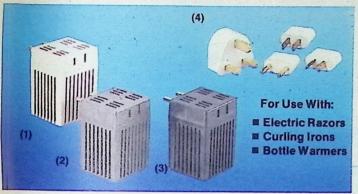
Very Low Frequency circuitry identifies valuable metals even in highly mineralized ground. 8" waterproof search coll even detects objects in shallow water. Auto-tune for optimum sensitivity. Built-in meter and speaker for visual and audible indications. tion. Volume, sensitivity, tuning and discriminator controls. 1/4" headphone jack. Shaft extends to 261/2". Requires 3 9V

Discriminator Detector

"Standard" Detector

AC ADAPTERS AND FOREIGN TRAVEL CONVERTERS

Foreign AC Power Converters



■ Compact Size ■ Overload Protected ■ Use 120VAC Appliances With 240VAC

(1) 50-Watt Converter/Transformer for Electronic Equipment. Converts 240VAC to 120VAC to operate cassette recorders, radios, most photoflash runils and battery rechargers, calculators, contact lens sterilizers and appliances up to 50 watts. 91/2 oz. 15/8 x 25/8 x 11/4". 273-1401 22.95

(2) 1000-Watt Converter. Allows use of 120VAC non-motorized heating appliances from 240VAC. For toasters, irons, curlers, curling irons, heating pads, electric blankets, steamers, manicure sets, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 31/2 x 11/2 x 11/2".

(3) 1600-Watt Converter. Allows use of 120VAC heating appliances from 240VAC. For hand-held hair dryers with universal (AC/DC) motors, irons, relectric blankets, steamers, manicure sets, immersion heaters, toasters, incandescent lamps and food/bottle warmers. 3 oz. 31/2 x 17/8 x 17/8".

(4) Plug Adapters. Lets you connect your foreign voltage converter to almost any wall outlet anywhere! With vinyl pouch. Must be used with one of the voltage converters, above. 273-1405 Set of 4/11.95

IMPORTANT NOTE! These converters can NOT be used with clocks, TV ssels, high-fidelity equipment, typewriters, hooded hair dryers, slide projections or permanently installed equipment. NOT for continuous use. Will NOT wwork with DC (direct current). 1600-watt and 1000-watt converters should MOT be used with transformer-operated devices.

120VAC to 12VDC Power Supplies

Lets you Use Mobile CBs, Ham Rigs, Tape Players and Other **Equipment at Home**

Regulated

Unregulated



Regulated 12VDC Supply. Operates most 12 to 14VDC equipment from any 120 volt AC power outlet. Ideal for home use of CB and Ham transceivers, tape players and other automotive equipment, or as an Unregulated 12VDC Supply. 1.75 amps. 22-8246

Universal AC to DC Adapter



- Powers Most Portables With Jack for External DC
- Five DC Output Voltages

Save on batteries and the expense of buying several adapters. Includes six Adaptaplugs for up to 60 different power combinations—1/8" mini-plug, 3/32" submini plug and four "barreltype" coaxial Adaptaplugs. Five selectable output voltages with reversible polarity—3, 4.5, 6, 7.5 and 9VDC. Delivers up to 300mA current. With 6-foot cord. 273-165016.95

120VAC to 9VDC Adapter



IFor AC operation of many battery-I powered portable cassette recorders, radios, video games and small TVs with external DC jack. With reversible polarity ¹/e" mini-plug and barrel-type" coaxial Adaptaplug™ 500mA DC output. 273-1651

120VAC to 12VDC Adapter

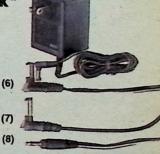


For AC operation of many battery-powered video games, radios, portable cassettes and B&W TVs. With reversible-polarity 1/a" mini-plug and three 'barrel-type" coaxial Adaptaplugs. 500mA DC output. 273-1652.....

Adapters for Radio Shack* Equipment 895

*And Many Other Brands

(6) 9VDC at 300mA. Connector: coaxial "barrel-type" plug, outside dia. (O.D.): 5.5mm, Inside dia. (I.D.): 2.1mm. (7) 6VDC at 150mA. Connector: coaxial plug, O.D.: 5.5mm, I.D.: 2.1mm. (8) 9VDC at 25mA. Connector: 3/32" submini-type phone plug. 273-1431 (9) 3VDC at 200mA. Connector: 3/32" submini-type phone plug. 273-1435, 8.95 (10) 9V Battery Eliminator. 25mA. Con-





All Adapters Come With 6-Foot Cords

Visit Your Nearby Radio Shack for Personal Assistance in Selecting the Right AC to DC Adapter

ELECTRICAL ACCESSORIES FOR HOME OR SHOP

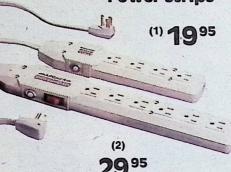
Cord Caddy With Four AC Outlets

3695

Runs Four Appliances From 1 Wall Outlet Up To 32 Ft. Away



Grounded Multi-Outlet Power Strips



(1) 4-Outlet. Adds extra grounded outlets for appliances and other items. Push-to-reset circuit breaker helps protect equipment. With 6-foot cord, grounded 3-prong plug. Rated 15A, 125 volts. 1875 watts. 61-8206 ...19.95 (2) 6-Outlet. As above, with two additional outlets. On/off switch with power-on indicator light. 61-820729.95

6-Outlet Power Strip/ Voltage Spike Protector



Ideal for Use With Expensive Audio, Video and Computer Systems

■ Plugs Into Existing AC Outlet

Adds extra grounded outlets where you need them most. Guards your sensitive equipment from damage from brief high-voltage surges, with protection from line to neutral and line to ground. Lighted on/off switch. Push-to-reset circuit breaker. With 6-foot cord. Rated 15 amps at 125VAC. 1875 watts. 61-8209 .39.95

Rotary Light Dimmer Switch

995



Voltage Spike Protectors Safeguard Your Equipment

29⁹⁵
(3) 11⁹⁵



3-Outlet Plug

15A 1875W Max.

5⁰⁹

Run 3 grounded appliances from 1 wall plug. Plugs into AC outlet. 61-2705 ... 5.69

6-Outlet Plug

15 Amps 1875W Max.

Plug into AC wall outlet to operate up to six grounded appliances. 61-2622 . . 6.95

Cube Tap 49 NEW '86

3-Plug Angled Cube Tap. For "close-to-the-wall" usage. Polarized. 61-2714....3.49

IIIIII

ITTITI

Electrical Extensions



Outdoor Light Control

1395

Ideal for Yard, Patio Or Driveway

Eliminate "dark spots" around your home. Automatically turns lights on at dusk, off at dawn. Fits PAR-38 floodlight sockets. With lens shield and washer. 150 watts max. 61-2775 13.95

Extension Cords

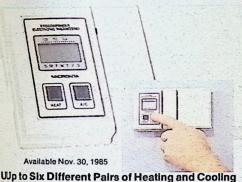


If you've ever been caught without an extension cord when you need one the most, now is the time to stock up at Radio Shack. We have extension cords in a wide range of sizes to suit every need. Keep them handy in the house to use when you need to get to a hard-to-reach socket, when you want to take the radio outside or need to plug in an extra appliance.

Feet	Colour	Cat. No.	Each		
6	White	61-2744	2.99		
6	Brown	61-2745	2.99		
9	White	61-2746	3.89		
9	Brown	61-2747	3.89		
15	Brown	61-2748	4.99		

CONVENIENT HOME ELECTRONIC ACCESSORIES

7-Day Programmable, Electronic Thermostat Helps Cut Energy Bills



NEW '86

14995

Year 'Round Climate Control

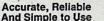
Not for use on heat pumps

Wp to Six Different Pairs of Heating and Cooling Tremperature Settings for Each Day of the Week

Digital Blood Pressure/Pulse Tester

NEW 186 5995







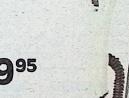
Easy one-hand operation! Just wrap the cuff around upper arm, inflate and both systolic and diastolic pressure readings are displayed. Blood pressure and pulse rates are alternately displayed on the LCD readout. Cuff has built-in microphone, automatic power-off, automatic deflation and low-battery indicator. Includes soft carrying case, inflation system and complete instructions. 41/4×45/e×15/e*. Requires 9V cell. 63-661

Biofeedback Monitor



Learn to control stress or play "lie detector" games. Attach sensors to fingertips and listen. Tone rises when you're under stress, drops as you relax. Built-in speaker, earphone jack. With manual. I Requires 9V cell. 63-675 19.95

Light and Moisture Meter For Plants



Grow healthier plants! Instantly switches from light meter to moisture meter. Just insert probe into soil to take reading. 28-page manual is included.

Illuminated 30X Microscope

1595

Great for Examining Small Objects Like Coins, Stamps And Microcircuits

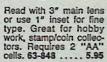


Deluxe microscope puts light directly on object. Ideal for school science classes. Thumbwheel focus. 51/2" long. Vinyl case. Requires 2 "AA" cells. 63-850 15.95

Digital LCD Fever Thermometer



 Lighted Dual Magnifier 595





Mini Fluorescent Light

995

For Instant Light At Home or Away

Extra-bright, lightweight lamp perfect for camping, highway emergencies and electrical blackouts. Small enough to fit in backpack or glovebox. Built-in spot-light, carry cord. 8× 21/4x13/8". Requires 3 "C" cells. 61-2734. 9.95



Great Values in Flashlights for Every Use

(1) 5-Cell Flashlight. Requires 5 "D" cells. 68-1022 ... 2.95 (2) Heavy-Duty "C" Cell. Requires 2 "C" cells. 61-2641 ... 3.69 (3) Heavy-Duty "D" Cell. Requires 2 "D" cells. 61-2639 ... 69 (4) Magnet Light. Magnet holds securely to any flat metal surface. Great for auto mechanics because it leaves both hands free. Requires 2 "D" cells. 61-2640, 3.99







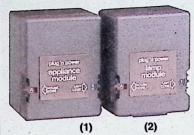


WIRELESS REMOTE CONTROL SYSTEMS AND TIMERS



Get your coffee made before you get up in the morning or have dinner cooking when you get home. You can turn lights on or off throughout the house, and control your TV, stereo

Lamp & Appliance Modules



(1) Plug 'n Power Appllance Module. Turns appliances on/off. Resistive load: 15A, motor: 1/a HP, incandescent lamp: 500W. 61-2681.... 29.95

(2) Plug 'n Power Lamp Dimmer Module. For

Wall & Universal Modules



(3) Plug 'n Power Wall Switch. Replaces wall switch. Incandescent. 500W. Remote, local control. 61-2683 29.95

(4)

(4) Plug 'n Power Universal Appliance. For 3-prong plugs. TV: 400 watts. Other ratings as 61-2681. 61-2684..... 29.95

2-Piece 24-Hour **Programmable Timer**



■ 2-Piece Design Ends Tangled Cords

■ Ideal for Stereo and Video Taping

Precise to-the-minute control for your TV, stereo or lamp. Control unit has 0.6" LED display and battery backup to maintain time and memory during power failures. Battery Sentinel® warns of weak backup battery. Appliance plugs into wired switch unit. Instant on/off override. LED p.m., timer-on indicators. Rated 15A, 1875W. Control 2 x 5% x 3". AC operation (requires 9V cell for memory backup). 63-888.......39.95



Programmable Light Timer

Replaces standard wall switch. "Rapid-Program" programs for 24-hour period in advance. "Variable" feature varies on/off time for an "at home" look. Rated 500 watts incandescent only.



Multi-Program Plug-In

Leaves One AC **Outlet Unexposed**

24 programming tabs provide up to 12 hourly on/off functions per day. Manual control or auto-repeat. Rated 15 amps at 1875 watts. 4×2×1¹/4″.

Multiple

(3)

Convenient **Tabletop Design**



Up to 12 hourly on/off functions daily. Override switch for turning on/off without changing program tabs. Rated 15A.



Mini Plug-in

16⁹⁵

Cordless—Plugs Into AC Wall Outlet

Handles almost any electrical appliance rated to 15 amps at 1875 watts. 211/2 hr. max. on time, 21/2 hrs min. 43/4 x 2-63-862.....16.95 3/4×11/4".

MICRONTA®-FAMOUS FOR PRECISION TIME-KEEPING

Micronta Quartz-Accurate LCD Watches



3995



26⁹⁵



25⁹⁵



1495

Chronoalarm Watch. Displays month/ date/day, time or stopwatch with 1/100 second lap and total times. 24hour alarm with selectable hourly chime. Automatic calendar. Water-Resistant Watch. Can be used at depths up to 100 feet. 24-hour alarm with hourly chime. Automatic calendar adjusts for 28, 30 and 31-day months. Durable molded case and band.

14.95

LCD Talking VoxWatch™ "Tells" You the Time



NEW '86

59⁹⁵

A Synthesized "Voice" Announces Time

Multifunction watch also includes a practical "voice" to tell you the titime. Just push a button and VoxWatch announces present time or your alarm-set time. Stopwatch function announces elapsed time every five minutes — great idea for joggers! Alarm announces the titime — and it even plays a wake-up melody. Voxwatch also has an LCD display of time, month, date and day of the week. Includes batterles. 63-5040..................................59.95



Displays hours, minutes, seconds or month and day. Uses standard FParker-size refill. With battery. 63-5075......9.95

LCD Quartz Stopwatches

(1) Professional. Audibly indicates start/stop/lap/reset. Times to 9 hrs., 59 min., 59 and $^{99}/_{100}$ sec. With manual, batteries. 29.95

(2) Chronograph. 0.4" display times to 59 mln., 59 and \$9/100 sec. Lap/total time. Reads hr/min./sec. or month/date/day. Calendar adjusts for 28/30 and 31 month days. With manual, neck cord, batteries. 63-5009 39.95



Accurate Quartz Clocks For Vehicles

(3) Fluorescent Car Clock/Tachometer. Built-in headlight warning function. 17/8 x 35/8 x 11/4". 12VDC neg. gnd. 63-837 . .46.95

(4) Fluorescent Car Clock/24-Hour Alarm. Fast/slow setting controls. 17/₈ x 4 x 15/₈". 12VDC pos./neg. gnd. 63-834 39.95

pos./neg. gnd. 63-83329.95

All clocks blank when ignition is off, dim for night driving. With mounting hardware, instructions.







LCD Timers for All Uses

(6) Countdown Timer. Counts-down from maximum of 99 minutes. Beeps when counter reaches zero. Pocket clip or magnetic mounting. Two button time-set. 211/16×21/2×15/16".

(7) Pocket Countdown Timer. Keyboard time entry up to 99 minutes, 59 seconds. Beeps when counter reaches zero. Fold-down stand, pocket clip or magnetic mounting. 21/4×21/2×7/16*.

68) 24-Hour Pill Box Timer. Counts down from up to 23 hours, 59 minutes. Beeps when counter reaches zero. Sliding top covers setting controls and pill compartment. 31/2×115/16×5/6".

19.95

(9) Stick-On Clock/Timer. Times to 15 minutes. Clock shows month/date. 11/2" dia.x5/e". With double-sided mounting tape. 63-840 5.95 Timers include batteries.



Radio Shack Gift Certificates Are Perfect for Any Occasion—See Page 3

WAKE UP TO VALUE-MICRONTA® ALARM CLOCKS

Jumbo LED Digital Alarm Clock



- Selectable 12 or 24 Hour Display
- 1.8" High Digits Can Easily Be Seen From Across The Room

irge size display makes this one of our most popular alarm clocks. It's easy to see, even from across the room. Makes it ideal as an office clock or as a nightstand clock for anyone who wears glasses. Features snooze, 24-hour alarm, hi-lo brightness control. 4 x 8 x 35/8".

Talking Dual-Alarm Clock/Calendar



- Announces Time at Preset Intervals or With the Tap of A Button
- Alarm Has 4 Increasing Sound Levels

VoxClock® 3. Voice synthesizer announces quartz-accurate time when the alarm sounds, or time/month/date at the touch of a button. Adjustable volume, 0.9" LED display, forward/reverse time set controls. Snooze alarm, dimmer. 2 x 6 x 5". Requires 7 "AA" batteries for



Easy-to-Set LED Digital

Setting the Time Has **Never Been So Fast**

Side-mounted rotary control eliminates confusing buttons and "two hand" setting. Simple control sets hour and minute. Has p.m. and alarm-on indica-

Blue Fluorescent Digital Display

- **Simple Time Setting**
- Alarm ON Indicator

Space-saving clock has bright 0.6" selectable 12 or 24 hour display that's easy to see, even in bright light. Snooze control, 24 hour alarm-on and a.m./

Compact 12/24-Hour LED Alarm



Small Size Lets You Put It Anywhere

Features snooze control for extra winks, big 0.7" dis-

Battery Backup/Sentinel® Featured in All LED AC Clocks



Battery Backup keeps clock run-ning, without dis-play, for up to eight hours and alarm for 10 minutes.



Front-panel red LED Battery Senti-nel warns you if backup battery is weak or missing.

Backup requires 9V battery, except 63-906

Compact LED Alarm Clock



Great for kitchen, laundry or guest room. Easy-to-read

QUARTZ-ACCURATE CLOCKS FOR EVERY BUDGET





Anywhere Digital Clocks With LCD Indicators

Alarm 2095

Clock 1995



Analog Travel Alarm Clock

1795

Folding Travel Alarm Clock

95 (2) Convenient for travel. LCD display, 24-hour alarm, snooze control. Comes with battery, 63-705...29.95

Micro Travel Alarm Clock

19⁹⁵

(3) Fits in pocket or purse. Backlit LCD display, 24-hour alarm, snooze control. With battery. 63-706 . . 19.95

LCD Table Alarm Clock



Battery Operated

Use-anywhere clock features large 0.7" LCD display. Snooze control, p.m. indicator, easy-to-operate time-set control, backlight and 24-hour alarm. Requires "AA" cell. 63-745 .27.95

LCD Desk Clock/Timer

Display shows time of day or elapsed time to 59 minutes and 59 seconds. Features reset, a.m./p.m. indicators. Requires "AA" cell. 21/2×3×31/4".
63-735. 24.95

LCD Clock/Thermometer

Digital clock displays time in 12 or 24-hour mode and temperature in either Fahrenheit or Centigrade. Easy-to-read LCD display, backlight for night viewing, 24-hour alarm and snooze control. Requires 2 "AA" cells. 21/2×3×31/4".

63-730 27.9



LCD Thermometer/Clock



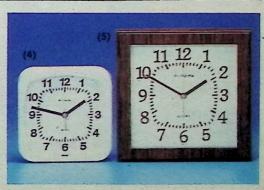
2195 NEW '86

Displays
Temperature
In Either C° or F°

Go-anywhere clock with quartz accuracy shows time until you press button for temperature. Clock features 0.5" backlighted display. Mounting bracket/stand, battery included. 17/8 × 27/16 × 1/2".

Cordiess Wall Clocks

(4) Perfect for the kitchen or garage, it has large hands and numerals that can easily be seen from a distance. "Click-stop" secondhand. No dangling, tangling cords. Molded white housing. 73/4 × 73/4 × 13/4". Requires "AA" cell. 63-804 24.95



BUILD-IT-YOURSELF SCIENCE FAIR® HOBBY KITS



Our Newest Science Fair Lab Kit With 60 Electronic and Magnetic Projects

Available Dec., 1985

- Includes Everything You Need to Build All 60 Projects Over and Over Again
- Safe, Solderless Coil-Spring Connectors
- Built-In Piezo Buzzer Morse Code Key

Increase your knowledge of electronics and magnetism. Use premounted transistors, capacitors, resistors and diodes to build 60 projects including simple computer circuits. Projects include a radio, Morse Code system and magnetic noise detector. Built-in electric motor and radio antenna coil. With earphone and easy-to-read illustrated manual. Requires 9V and 2 "AA" cells.

100 Programs! Microcomputer Trainer



Covers assembly language programming, binary and hexadecimal math.

Sensor Robot Electronic Project Lab



NEW '86

Coil-Spring Connectors 20 Projects

- Begin Your First **Project Right Away**
- No Electronics **Knowledge Required**

Perfect for beginning "scientists". Built in sensors respond to light, sound

Aeronautical Lab Kit



100 **Projects**

100 exciting projects teach the history and principles of flight. Build a helicopter, flyable model airplane, helium balloon, even a reuseable rocket. Includes step-by-step lab-type manual. Solderless. 28-196 29.95

Solar Power Lab Kit



Built-in solar cells power most projects. Build radios, a lightactivated alarm, an electronic storage tank, and others. Solderless coil-spring assembly. Requires 9V cell. 28-255 ... 19.95

30-in-1 Electronic Project Kit



Learn the basics of electronics while building a radio, beacon light, alarm, timer and simple computer circuits. With earphone. Solderless coil-spring assembly—safe for children. Requires 2 "AA" cells. 28-161 . . 19.95 Radio Shack Gift Certificates Are Great for Any Occasion - See Page 3

5-Transistor AM Radio Kit



Tunes Entire AM Band

Listen to local AM broadcasts on a radio that you built yourself. Preassembled tuner. With volume control, speaker and earphone for private listening. Coil-spring assembly. Requires 9V cell. 28-253 19.95.

PROJECT KITS-NO SOLDERING REQUIRED



Bencharge Revolving Credit*

200-in-1 Electronic Project Kit

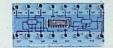




7-Seament LED

Meter

- Learn Basic Electronic Circuitry
- Educational and Entertaining For Both Adults and Children



Two Integrated Circuits

Our biggest! Learn about transistors, diodes, capacitors and schematic symbols while building 200 electronic projects. Projects include a burglar alarm, telegraph, and a digital timer. Molded case with dust cover and out-front controls. Coil-springs make projects easy to assemble, dis-



160-Project Lab Kit—A Primer In Electronics





Build radios and learn about solar telemetry. Experiment with

simple computer circuits, a flip-flop lamp flasher, even produce electronic sound effects. Premounted parts with coil-spring as-

7-Segment Code Key



Meter **LED Display**

Includes 186-Page Lab Manual



Portable AM Radio



Solder-type kit for advanced hobbyists. Features printed circuitry for easy assembly. Tunes 540-

AM/FM Radio Kit

Available Oct. 30, 1985

Hear local AM and FM radio stations. Preassembled tuner. With earphone and volume control. Requires 2 "AA" cells. 28-175 19.95

·VHF Radio



Listen to action, aviation and weather bands. 108-135/148-174 MHz. With earphone. Solderless. Requires 9V cell. 28-221 15.95

2-Transistor AM Radio Kit



Listen to local AM broadcasts. Tunes entire 550-1600 kHz band. Preassembled tuner. With ear-phone. Requires 9V cell. 28-229 9.95

AM Shortwave Radio Kit



Hear broadcasts from around the world. Three bands: 520-1625 kHz; 5.5-10, 9-16 MHz. With earphone. Requires 2 "AA" cells. 28-176

Crystal AM Radio Kit



No tubes, transistors or batteries. Like the first radios, a crystal converts RF to audio. With ear-phone. Solderless. 28-219 7.95

Apply Today for Your Radio Shack/Bencharge Card and Increase Your Buying Power

RADIO-CONTROLLED TOYS THAT KIDS JUST LOVE

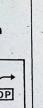
Powerful 4×4 Off-Roader Goes Over The Roughest Terrain



- Remote-Controlled Four-Wheel Drive
- Extra Power for Rough Roads and Steep Hills

Take off across the land and explore the "back-road" country! Two speeds, high-traction 4-wheel drive and super-size tires let you blast through just about anything. Requires 4 "C", 2 9V cells. 121/2" long. 27 MHz. 60-4057 69.95







Available Sept. 30, 1985

■ Working Headlights

Sleek machine with independent suspension, both front and rear. Dual-stick transmitter with trim adjustments. Built-in jack for charging nickel-cadmium batteries. Requires 6 "C," 10 "AA" cells. 151/2" long. 60-4058, 89.95





Fast-Paced Action Camaros

Dual frequencies so two drivers can race against each other. Au-thentic styling, seems like you're "driving" the originals. Move them backward, forward, to the left and to the right. Each require 3 "AA," 2 9V cells. 8"long.
(1) 27-MHz Camaro.

60-3094

(2) 49-MHz Camaro. 60-3095 27.95



High-Speed Porsche 935 K-3 Racer

95

Digital proportional left/right steering for speed control. Dualstick transmitter with forward, reverse and neutral controls.



Sleek-Design Lamborghini Racer



- High-Speed Racing
- European Styling

When the green flag drops, GO! Hand-held transmitter is your "steering-wheel" for moving and maneuvering. Goes forward, turns in reverse. Requires 4 "AA," 2 9V cells. 9" long.





Loads of Fun! **Chevy Pickup**

- Includes Rollbar
- Detailed 1/20-Scale

A road-rugged machine for loads of adventure and hours of fun! Tackles tough conditions and keeps on going. Requires 4 "AA," 2 9V cells. 9" long. 27 MHz. 60-3093 21.95



Looks like the real thing. Versatile controls for rugged battlefield adventure! Responds to forward, reverse/turn commands. Requires 4 "AA," 2 9V cells. 71/2" long. 27 MHz. 60-4052

154





Rovin' Robie™ the Robot Performs at Your Touch

Hands Manually Grip Objects and Arms Move Up and Down for Realistic Action

Command your own robot! Light gives a realistic look. Hand control guides Robie forward, reverse/ turn, and stops. Requires 4 "AA," one 9V cell. 9" high. 27 MHz. 60-4054



Radio Shack Gift Certificates Are Great for Any Occasion - See Page 3

FASCINATING "ACTION TOYS" FOR EVERYONE

Finish First With The Off-Road Champ

- 2-Speed Gear Shift
- m Climbs Up 35° Inclines
- Molded Plastic Body

Win every race with this magnificent machine. Scale speed ranges 50-70 mph. Differential gear for smooth cornering. Requires 4 "AA," 2 9V cells. 111/2" long. 27



Explore With Z-707 Battle Iron Claw

Soft-Grip Pincers Pick Up, Carry and Release **Small Objects**

Take control of this futuristic advanced battle machine with I high-intensity searchlight that scans the territory ahead. You'll feel like you stepped into the future as you roam through unexplored terrain. Requires 4 "C," 2 9V cells. 115" long. 27 MHz. 60-3099 69.95

STOP

Programmable Cam-Action Space Tank

Interchangeable cams for these patterns:

- Hexagon
- Pentagon
- Octagon
- Square ■ Triangle
- Loop

Search out new frontiers in space with programmal Space Tank. Six easily interchangeable plastic can control the action. Requires 2 "C" batteries. 9" long. 60-2388

Radio Shack-12 Game Arcade

III 12 Games in One m Easy-Punch Buttons

"Batter-up" with baseball, gamble with ccasino roulette, fire torpedoes to sink eenemy ships or go on a treasure hunt. Requires 4 "C", one 9V cell. 21/4 x 91/4 x



Handheld Las Vegas Action 895 Each



Space Crusher Action Battle Game

savoid enemy spaceships in as 5-stage battle. Sound seffects. With batteries. \$5/8 \times 5/8".

FPenetrate Space City, try to 160-2198 18.95

Plane & Tank Battle





Get your tank across the bridge, but watch out for aircraft bombs. Two level game—play at normal or fast speed. $2^{1/8} \times 3^{5/8} \times 1/2^{n}$. With batter-

Pocket Repeat

Tests memory and re-flexes. You can play two different versions. 15/16 x 31/8 x 31/8". Requires 9V cell. 60-2152 14.95



Use Powerful Radio Shack ENERCELL® Extra-Life Batteries in All Your Toys and Games

HERE ARE THE ELECTRONIC TOYS KIDS WANT MOST

Space Patrol Walkie-Talkies



- Transmit/Receive on 49.8 MHz No License Required
- Handy Communications—Operate Indoors or Out

With Headset. Great for hiking, camping, fishing or on trips-leaves your hands free. With rotary power on-off/volume control. Built-in adjustable head-

Standard. Buy two or more for outdoor adventures or to keep in touch with

Micro-Thin. Less than 1" thin! Compact enough to fit in a shirt pocket and will go wherever you go. Features ultra-sensitive super-regenerative receiver, 11/2" speaker, push-to-talk button and telescoping antenna. 55/16 x 13/4 x 7/8".



Laser Gun

Electronic Sea Battle Strategy Game



A new twist on a classic game. It's your navy against their's—fire electronic salvos at enemy ships hidden on the opposite grid-pattern sea. Electronic sound effects and lights indicate if your torpedo is a "hit" or a "miss". The last navy with a ship afloat, wins the battle! Fun for all ages. Requires 4 "AA" cells. 60-2193

The Amazing Armatron™ Robot Arm



Two joysticks activate all its motions for total command—rotate the arm in the proper direction to grip, pick up, rotate, move and release. The Energy Level Meter tests your skill against an opponent. Rubber-coated pincers



Anti-Air Gun

WE HAVE ALL THE FUN IN ELECTRONICS



Bencharge Revolving Credit



10 Calculator

Shows green and red lights for right and wrong answers. For children 8 and up. Uses 9V battery.

Child's Learning Calculator

NEW '86

Large 8-Digit LCD Display

Learn Math With Mickey Mouse[©]. Illustrated booklet makes it easy for children to learn math basics. 61/4 x 33/4 x 3/4". Requires 2 "AA" cells. 60-2326 14.95

©Walt Disney Productions



3 Games Endorsed by the World Chess Federation **Deluxe Sensory Chess**

NEW '86

Low As \$25 Per Month on Bencharge

Radio Shack 1850. For advanced or beginning players. Sensitive playing board with LED position indicators, fast response. Sixteen levels of play. Takeback, setup capabilities. Memory stores unfinished games. 1½ x 149/₁₆ x 99/₁₆". Requires 4 "C" cells. **60-2199** **179.95**



Table Sensory Chess With Fast Response

Radio Shack 1650 Tabletop. For modern chess enthusiasts. Nine levels of play. Sensitive board with LED position indicators. Memory stores unfinished games. 5/8 x 11½ x 9½". Requires 4 "AA" cells or AC adapter. 60-2194.... 119.95



Computerized Portable Sensory Chess

Radio Shack 1650 Portable. Play anywhere! Nine levels of play. LED position indicators. Computer "coaches" with move suggestions. Memory stores unfinished games. 11/2×73/8×45/16". Requires 3 "AA" cells. 60-2187 89.95



Math Teacher/Calculator



Sing-Along AM Radio



Great sounding Am radio is lots of fun for kids. Built-in amplifier and hand-held microphone lets them make announcements over the airwaves or sing along with their favourite songs on the air.Sturdy plastic construction with durable carry handle. 53/8 x 7 x 23/8". Requires 9V cell. 60-1064 . . 16.95

Programmable Organ

2495



Features manual play with 22 keys and "space" key

Talk or Sing Over Your FM Radio



Just tune to a blank spot on the 88-108 MHz band and you're on the air. A great gift for kids. Works with any standard FM radio, even in the car. It can even be used as a small PA system. Includes built-in antenna. Requires 2 "AA" cells. 60-2109 9.95

problems and let the computer check your math. Built-in full-feature 8-digit calculator and digital clock. Includes illustrated manual with complete instructions and quiz questions. 41/2 x 43/4 x 1/2". With batteries, 60-2327 21.95

Gives Kids a Head Start in Mathematics

Teaches the four basic math functions. Displays

problems vertically, like they are taught in school. Hundreds of problems to solve, or enter your own

Radio Shack Gift Certificates Are Perfect for Any Occasion—See Page 3

NO BATTERIES NEEDED! SOLAR LCD CALCULATORS



A Great Value! Economy 4-Function

1295

NEW '86

Double-Size Addition Key

(1) Radlo Shack EC-412. Runs on ordinary room light. Full 4-key memory lets you store numbers, recall and use them again. Auto-constant function plus square root and percent keys. Large "+" key makes addition computations faster. 8-digit LCD display. 49/16×29/4×5/8". 65-582 12.95

Large Folding Horizontal Style

2995

Oversize Keys and Display

Pocket-Size Card-Style Calculator

1695

Includes Handy Billfold Case

Deluxe Full-Size Memory Calculator

1995

NEW '86

Problem-Solving Power!

Versatile Pocket Metric Conversion

2495

40 Metric Conversions

Micro-Thin™ Credit-Card Size

1995

Touch-Sensitive—No Bulky Keys

Horizontal Card-Size With Case

16°

4-Key Memory M Auto-Constant

(7) Radio Shack EC-406. Small in size—yet gives you instant answers anywhere. Just add light! Features square root and percent keys. 8-digit LCD display. Protective folding case. 25/16 x 37/6 x 1/4". 65-904 16.95

Stylish Folding "Ladies Compact"

26°5

Fits Easily In Any Purse

(8) Radio Shack EC-404. 3-key memory, auto-constant, +/- sign change, square root, percent keys. 8-digit display. 25/e×21/2×3/e". 65-902 26.95

Men's Folding Wallet-Style Calculator

1995

NEW '86

Smooth-Touch Surface

(9) Radio Shack EC-411. Unfolds for quick problem solving anywhere there's light. Features 3-key memory, auto-constant, square root and percent keys. 8-digit LCD display. Rugged, attractive case. 23/4×1/4×3". 65-909......19.95

LCD CALCULATORS FOR ACCURACY AND VALUE

Alarm Clock/Stopwatch Calculator

Billfold Case

2495

Hexadecimal/Time Conversion Calculator

Carry Pouch

36°

(2) Radio Shack EC-4075. Performs hexadecimal/decimal conversions/ccalculations, time conversions. Clock has time indications, alarm, four stop-watch functions and countdown timer. Auto-constant, 3-key memory, square moot, percent keys. Requires 2 "AA" cells. 53/nex 215/nex 1/ne". 65-990 ... 36.95

Feature-Packed Checkbook Calculator

Holds Pen And Checks 2995

Economical With 4-Function Memory

Auto-Constant
Square Root Key

995

(4) Radio Shack EC-205. Low-cost versatility. Full 4-key memory lets you store numbers, recall and use them again. Direct entry percent key. Easy-to-read 8-digit display. $41/2 \times 2^5/8 \times 5^5/8$ ". Requires "AA" cell. 65-501 9.95

Handy Calculator for Financial Work

Figures Interest, Annuities, Dates

45⁹⁵

Mity-Thin® Credit-Card Style

"Card" Case # 3-Key Memory

1295

Reliable Pocket STATESMAN-THIN®

Automatic Power-Off

NEW '86

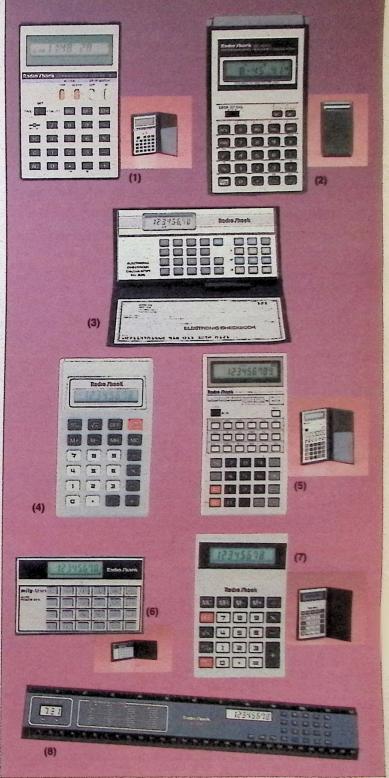
1295

Combination Ruler/Calculator/Clock 1495

Metric Conversion Chart

You Can Trust Our Guarantee

We carry a wide range of calculators to suit every need, and all Radio Shack calculators have a one year parts and labour warranty against manufacturing defects. For quality servicing, simply return the calculator with the original sales slip to your nearest Radio Shack Store.



VALUES IN PRINTING AND DESKTOP CALCULATORS

Printing Calculator

NEW '86

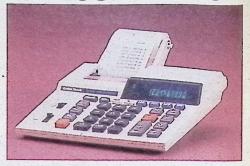
Folds Up Into its Own **Protective Case**

10-Digit LCD Impact

■ 4-Key Memory

10 Digits, Fluorescent, **Impact Printing**

4-Key Memory Fluorescent Display





10 Digits and **Roller Printing**

■ Bright Easy-to-Read Fluorescent Display

Radio Shack EC-3011. With full 4-key memory, decimal point placement, round-off and non-print controls. Per-cent, gross profit margin, standard math functions. 19/4×69/4×91/2". With sample paper roll. AC operation.

> Impact Printing, 10 Digits

95 Bright Fluorescent Display

Radio Shack EC-3007. Features 4-key memory, decimal point placement, round-off, and nonprint controls. Percent and gross profit margin, and standard math functions. 21/4×71/2×91/4". Includes paper roll. AC operation.

Hand-Held 10-Digit LCD, Impact Printing

- m High-Speed Printing On Standard Paper
- # Use It Anywhere



Radio Shack EC-3012. Print/non-print switch. Only $4^3/4 \times 2^5/16 \times 1^3/4^n$ Sample paper roll. Requires 4 "AA" cells. Uses small or large rolls of standard paper.

AC adapter, 273-14548.95





Paper for Printing Calculators

Thermal—For Early Models

Plain-For Radio Shack Models

Size	Fits	Cat. No.	Rolls	Price		
21/4" with core	65-664 65-669 65-952	65-710	3	2.99		
11/2" with core	65-666	65-712	3	1.99		
11/2" coreless	65-951 65-955	65-713	3	1.79		

Size	Fits.	Cat. No.	Rolls	Price
21/4" with core	65-645 65-646 65-644 65-643	65-706	3	4.59
11/2" with core	65-647 65-648	65-708	3	1.99
11/2" coreless	65-649	65-709	3	1.99
11/2" coreless	65-665	65-711	5 -	2.99

12-Digit LCD Solar Desktop



46⁹⁵

Operates in Almost Any Light Without **Batteries**

10-Digit Fluorescent Desktop



Gross Profit Margin Key



AC Adapter. 273-14548.95

8-Digit Solar Power LCD Mini Desktop



■ Full Floating Decimal

Works in Almost Any Light

Radio Shack EC-2006. 3-key memory stores figures for multiple use. With percent and square root keys. ± sign change key. 43/4×49/4×11/2". 65-962 19.95

LCD SCIENTIFIC CALCULATORS FOR EVERY NEED

76-Function Solar Scientific Calculator

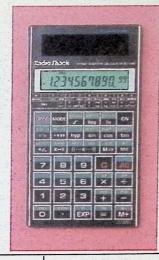
NEW '86

39⁹⁵



- Works from Room Light—No Batteries to Buy
- M Nine Physical Constants

Radlo Shack EC-4016. Perfect for advanced math students and professionals. Silicon solar cell provides the power needed to do base calculations, conversions and logical operations. Memory, random number generator. 18 nesting parentheses. Uses true algebraic logic. Has a 10-digit mantissa and 2-digit exponent. 476 x 2914 x 1/8". Comprehensive manual included. 65-980 39.95



98-Function Solar Scientific

NEW '86

49⁹⁵

- Works in Almost Any Light
- Dual Keyboards



51-Function Solar Scientific



NEW '86(

39⁹⁵

Easy-to-Read LCD Display



Billfold Case

Radio Shack EC-4015. You can calculate wherever there's light! Performs permutations and combinations, and standard deviations. 18 nesting parentheses. Random number, 8-digit mantissa and 2-digit exponent. 5×29/4×5/1e". Includes instructions. 65-938... 39.95

Card-Size 42-Function Solar



39⁹⁵

Card Case



Radio Shack EC-4009. Credit-card size, yet it does calculations in statistics, standard deviations. Six levels of parentheses, Pi, degree, radian, gradient, exponent keys, decimal/fraction conversion. 8-digit mantissa, 2-digit exponent. 211/sz×35/s×7/sz". 65-927.

79-Function Scientific

NEW 186

4495

Bright LCD Display





Radio Shack EC-4017. A lot of calculating power! DEG/ RAD/GRA switch, random number, and 18 nesting parentheses. 9 physical constants, memory retention and engineering function. With 10-digit mantissa and 2-digit exponent. Automatic power-off conserves batteries. With long-life battery. 3/e×59/1e×39/1e* 65-981, 44.95

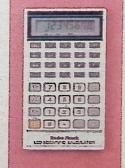
Low-Priced Scientific

2495

- Perfect for Students
- 5-Digit Mantissa

Billfold Case





 Versatile Scientific Slide-Rule

29⁹⁵

5-Digit Mantissa

Billfold Case



 67-Function Solar Scientific

NEW /86 3495

9 Levels of Parentheses

Carry





Radio Shack EC-4014, Solves difficult problems quickly. 10-digit mantissa, 2-digit exponent LCD display. Keys for random number, binary, octal, hexadecimal calculations, plus permutations, and standard deviations. 59/ncx Sx 9/16*, 65-879.

WE HAVE THE BEST IN POCKET COMPUTER POWER

Programmable Scientific Calculators



79⁹⁵

Each Includes Billfold Case

49⁹⁵



Perform Complex, Multi-Level Mathematical Functions for Problems in Science, Engineering, Statistics and More

Radio Shack EC-4020. Choose from 26 separate memories with 550step programming to 94 memories with 6-step programming. Features 83 built-in functions. With 10-digit mantissa and 2-digit exponent. Alphabetic dot-matrix display. True algebraic logic, perfect entry system, base calculations/conversions, logical operations, replay function. 53/16 × 23/4 × 3/6". With batteries, manual. 65-985

Radio Shack EC-4004. Features 7 memories, 38-step programming, 61 functions. 51/4 × 27/8 × 1/4". With batteries, manual. 65-658

Powerful PC-3A Pocket Computer

129⁹⁵

Low As \$25 Per Month On Bencharge

- 4,000 Characters of Memory
- 16 Arithmetic, 8 String Functions





Printer/Cassette

159⁹⁵

- Prints on Thermal Paper
- Stores Programs on Cassette

*Low As \$25 Per Month on Bencharge

PC-3 Thermal Paper. 21/4" wide. 26-3592 Pkg. 5/3.49

Low-Cost, Portable PC-4 Pocket Computer

NEW LOW PRICE! 995

Was \$99.95 in 1985 Catalogue

- Only 3/8×61/2×23/4"
- Expandable 544-Character Memory



Pocket Computer Model PC-4. Lets you keep up to 10 short programs in memory or combine the programming area for longer programs. BASIC language includes 23 commands, 15 functions. 12-character LCD scrolls to 62 characters. Edit and debug modes. $^{3}l_{8} \times 6^{1}l_{2} \times 2^{3}l_{4}^{n}$. With batteries.



PC-4 Cassette Interface

5495

Store and Load Data on Ordinary Cassette Tapes

Low-Cost PC-4 Thermal Printer

Plugs Into PC-4 or PC-4 Cassette Interface 10995



Pocket Computer Software For Every Need

Real Estate. For investors and agents. 26-351034.95
Civil Engineering. Valuable "on- site" aid. 26-351134.95
Surveying. Convert field measures. 26-351239.95
Aviation. Flight management system. 26-351334.95
Math Drill. For primary school children. 26-351422.95
Games One. 26-351522.95 Business Statistics.
26-3516
26-3517
budget. 26-351829.95 Electrical Engineering I.
26-352034.95

Statistical Analysis. 26-3522
Games II. 26-352322.95
Engineering Math I. Matrix multipli- cation. 26-352522.95
Engineering Math II. Common 3-D vector. 26-3526
Engineering Math III. 26-3527
Engineering Math IV. Triangulation formulas. 26-3528 9.95
Calendars. 26-352929.95
Horse Race. A handicapper's helper. 26-3530
Banners. Create messages. 26-3531
Golf Handicapper.

ELECTRONICS AND COMPUTER BOOKS



Bencharge Revolving Credit* See Page 3



Learn About Electronics, Communications, Computers and More

-carri About Liceti offics, confini
Basic Electronics. Learn more about electronics with information to make complex subjects simple. 464 pages. 62-1394
Installing Your Own Telephone. "How To" manual. 150 pages. 62-1390
Computer Reference Handbook. Guide to Tandy computers. Covers Model I, III, 4,100, Color Computer, MC 10. 344 pages. 62-2314
techniques in an easy-to-learn format. 272 pages. 62-1398 7.99 Getting Started with Color BASIC. Beginner's manual describes all the features of Color BASIC programming. 26-3191 6.95 Golng Ahead With Extended Color BASIC. Describes features of Extended Color BASIC, including advanced graphics, complex sounds and more. 210 pages. 26-3192 6.95 Getting Started with Extended Color BASIC. A compilation of 26-3191 and 26-3192 above. 26-3197

nications, computers and more	
Color Computer Quick Reference Guide. Features functions, ROI routines, handy index and more. 26-3194	. 5.95
TRS-80 Color Computer & MC-10 Programs. Features 40 programs, quizzes, drills, calculators and more. 26-3195	rams
The Color Computer Playground. Features 42 entertaining and programs. 26-3196	. 8.95
NEW! Application Software Sourcebook. Includes over 5000 real run programs of all types for sale by a variety of vendors. 26-1378	
TRS-80 Microcomputer Newsletter Reprints. The first 20 issues but one volume. 26-2115	and in 5.95
TRS-80 Microcomputer Newsletter Reprints. January thru Dece 1981 bound in one volume. 26-2240	mber 7.95
NEW! Model 4/4P/4D Technical Reference Manual. Provides tech information and theory of operation on hardware. Incudes vital inform for the assembly language software developer. 26-2119	ation
Model 4 Disk System Owner's Manual. Covers initial setup, Disk B programming commands and operating instructions. 26-2117	
Model III Disk System Owner's Manual. Covers disk operation and BASIC. Includes sample programs. 26-2111	7.95
Model III/4 Owner's Manual. Provides detailed information on Mod and Model 4 operation, including ROM BASIC. 26-2112	6.95
Model I Level II Manual. Covers ROM BASIC. 26-2102	
Model 100 Technical Reference Manual. Information and theory of option on Model 100 hardware, 26-3810	era- 0.95
The TRS-80 Model 100 Portable Computer. A complete step-by-learner's manual. Discusses the capabilities of the Model 100, plu complete course in Model 100 BASIC. 26-3819	is a
Portable Computing With the Model 100. Emphasizes practical app tions of Model 100. Includes cassette tape with 12 programs. 26-3820	
NEW! Learning BASIC for Tandy 200. Tutorial for learning BASIC gramming. Written by Dr. David Lien. 26-3869	
NEW! Tandy 200 Technical Reference Manual. Provides technical in mation and theory of operation on hardware. Includes vital information the assembly language software developer. 26-3861	n for 9.95
Getting Started with Radio Shack Printers. How to use print codes other special features. Explains dot-addressable graphics. Includes BA programming examples. 26-1242	SIC

Introduction to Robotics

- Lots of colorful diagrams
- Easy-to-read and understand
- Includes project to computerize battery operated car 62-8050





NEW LOW PRICE! MODEL 100 PORTABLE COMPUTER



8K Memory

499⁰⁰

799⁰⁰

Was \$799.00 in 1985 Catalogue Was \$1099.00 in 1985 Catalogue

Low As \$25 Per Month on Bencharge

- Full-Size Typewriter Keyboard
- 8-Line by 40-Character Display
- m Retains Data When Power is Off

Model 100. A Micro Executive Workstation™ that's ideal for business people and students. Use it anytime, anywhere—operates on batteries or optional AC adapter. Built-in software makes the Model 100 a personal word processor, appointment scheduler, address/phone directory and telephone auto-dialer. You can even write your own programs in BASIC. Self-contained modem makes it easy to access national information services or communicate with other computers by phone. Includes parallel, RS-232C, cassette and bar code wand interfaces. Weighs less than 4 lbs. Requires four "AA" batteries.

8K. 26-3801 . 499.00
24K. 26-3802 . 799.00
Model 100 Legs, Slants your Model 100 for easier viewing and typing. Pop in, pop out. 26-3812 . 4.99
8K RAM Upgrade. Expands your Model 100's memory to 32K. Requires installation, not included. 26-3816 . 150.00
AC Adapter. 26-3804 . 8.95

Model 100 Cassette, Disk and ROM Software

NEW! Data Manager (Disk). Requires 24K, cassette recorder and Disk/Video Interface.

Data Manager (Cassette). Store, examine, update and list information. 49.95

Business Finance. Twelve programs for business financial applications. 26-3831 ... 49.95

Data/Sort Plus. Powerful data base management system. Features fast information entry using the Bar Code Wand. 26-3838 69.95

Personal Finance. Keep up with expenses, compare budgeted amounts to actual costs, reconcile monthly check statements and more.

Calculator. Powerful math "scratchpad" for finance and regular math functions. 26-3827 29.95

Statistics. Generate reports for descriptive statistics, frequency distribution, histogram, correlation, regression, time series analysis and more. 26-3825 39.95

Function Plotter. Graph almost any algebraic function of one or two variables. Requires CGP-215, CGP-115 or FP-215, 26-3834.... 29.95

Investment Analysis. Helps optimize investment decisions. Includes bonds analysis, options trading, and commissions. 26-3824 89.95

BASIC Language Lab. An easy-to-understand tutorial on Model 100 BASIC. 26-3821 39.95

ROM Software

Express Order Software

Choose from the hottest names in software at-Radio Shack Computer Centers, participating stores and dealers. You'll get your software fast and professionally supported by independent vendors.

. Model 100 Software Described on This Page Requires Cassette Recorder. Other Hardware May Be Required.

TANDY 200 WITH BUILT-IN MULTIPLAN



Bencharge Revolving Credit* See Page 3

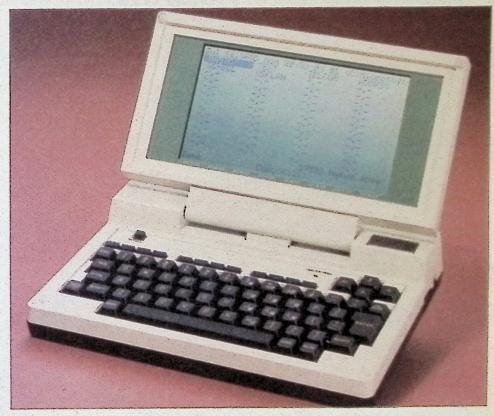
Displays 16 Lines of **40 Characters Each**

*Low As \$39 Per Month on Bencharge

- Six Built-In Programs. Plus Alarm and Calculator
- Oversized Display Characters for Maximum Legibility
- 24K RAM—Expandable to 72K

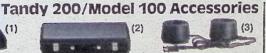
Trandy 200. A "second generation" portable computer for under \$1400. The Tandy 200 has ta larger flip-up display and the Multiplan spreadsheet analysis program. Now it's easier than ever to do profit and loss projections, sales forecasts, budgeting and engineering calculations wherever you are. Five other "instant-on" programs include a more power-ful version of the Model 100's word processing program. You also can use your Tandy 200 as an electronic appointment calendar with alarm, address/phone directory and tele-phone auto-dialer. The Tandy 200 can even generate tone dialing signals for use with long-distance services. And you can write your own programs using the built-in BASIC language.

24K RAM Upgrade. Add up to two banks of memory for a total of 72K. Requires installa-Ition, not included. 26-3866 319.95 AC Adapter. 26-38048.95



Make Your Tandy 200/Model 100 More Versatile





(11) Soft Carry Case. 26-3811	59.95
(12) Briefcase, 26-3809	
(3) Acoustic Cups. 26-3805	
Porinter Cable. 26-1409	19.95
Direct-Connect Modern Cable. Includes one	free hour of connect time on

NEW LOW PRICEI

Disk/Video Interface

■ Built-In 184K Floppy ■ Use a TV or Monitor

184K Disk/Video Interface, Use with a TV or monitor for 25-line dis-play. Was \$1099.00 in 1985 Catalogue. Requires 16K.

Second Disk Drive, Installation not included, 26-3807 ... 359:00 VM-2 Mono Monitor.

Bar Code Wand

Low As \$25 Per Month on Bencharge

Ideal for inventory control, billing and couponing. Software drivers, callable from BASIC, allow you to read Univer-sal Product Code, 3 of 9, Plessey and other formats. Plugs into Tandy 200 or Model 100. 26-1183



Portable 31/2" Micro Floppy Disk Drive

Available Approx. Oct. 30, 1985

Add portable disk storage to Model 100/200, Get fast access to 100K of data on 3½" floppies, Initialization software included. Weighs 1½ lbs. 2 x 4½%, Kequires four "AA" batteries or AC Adapter (not installed). cluded), 26-3808 279,95



Monitor and Model 100 w As \$25 Per Month sold separately on Bencharge

Available But May Not Be Stocked in All Radio Shack Stores and Participating Dealers

RADIO SHACK'S VERSATILE COLOR COMPUTER 2



16K Standard BASIC Color Computer 2. Simply attach to your TV then plug in a Program Pak™ cartridge to entertain or educate your family for hours. Use the built-in BASIC language to create spectacular 8-color graphics or write your own programs. Has compact white case with low profile electric typewriter-quality keyboard. Easy to expand with cassette recorder, joysticks, printer, telephone modem, memory and more. Includes 185-page beginner's manual. 26-3134

16K Extended BASIC Color Computer 2. All of the features of our Standard BASIC computer (above), plus advanced programming features to make spectacular color graphics with one-line commands. Features 256 x 192 screen resolution (49,152 pixels); multi-character variable names; string arrays up to 255 characters; full-featured editing; tracing; floating point 9-digit accuracy; PEEK, POKE and USR commands; and specific error messages. Easy to expand with disk drives, printer, modem and more. Includes excellent tutorial manual. 26-3136

64K Extended BASIC Color Computer 2. An affordable computer for business and advanced home uses. All the features of the 16K Extended BASIC Color Computer 2 (26-3136, above), but with 32K memory. Add a disk drive and OS-9 operating system (sold separately) to access the full 64K memory. **26-3127...349.95**

SPECIFICATIONS. Microprocessor: 6809E, 8-bit. Clock Speed: 0.894 MHz. Keyboard: 53 keys. Video Display: 16 lines of 32 characters (upper case only). Color graphics capabilities range from 64 x 32 (8 colors) to 256 x 192 (1 color and background color) with 3 intermediate formats. Higher resolutions in the same range are available through machine language, Extended BASIC or Pro-

gram Paks. **Memory:** Standard BASIC is 8K ROM, Extended BASIC is 16K ROM. 16K or 64K Internal dynamic RAM. **Input/Output:** 1500-baud cassette (recorder optional). Two joystick ports. RS-232C serial port (4-pln only). Standard TV (300 ohms). **Dimensions:** 3 x 10³/₈ x 14¾". **Power:** 120VAC, 60 Hz.

*Upgrade kit prices do not include required installation. Some installation may require additional-cost hardware.

16K Standard CoCo® 2

18995 Less TV

Low as \$25 Per Month on Bencharge

- Uses Instant-Loading Programs
- Create Color Graphics With Exciting Sound Effects and Music
- Software Now Available for Games, Education and Home
- Compact White Case With
 Typewriter-Quality Keyboard
- Attaches to Any TV Set

16K Extended BASIC CoCo 2

24995 Less TV

Low As \$25 Per Month on Bencharge

- All the Features of Our Standard Color Computer Plus Advanced Programming Capabilities
- Full Featured Editing

64K Extended BASIC

NEW LOW PRICEI 349⁹⁵

Was \$399.00 in 1985 Catalogue Low As \$25 Per Month on Bencharge

- Access 32,000 Characters of Memory With Bullt-in Extended BASIC Language
- Add a Color Disk Drive and OS-9 to Access the Full 64K
- Write Your Own Sophisticated Programs and Create Color Graphics

Color Upgrade Kits*

Upgrades a Color Computer for advanced graphics capabilities. Requires 16K. 26-3018.....59.95

COLOR SOFTWARE FOR LEARNING FUN



BENCHARGE REVOLVING CREDIT See page 3

Education, Entertainment and Home Software Library

Atom.* A game designed to introduce the subatomic world of elements, through building atoms. Teaches the names of elements, their atomic numbers, configurations and main properties. Includes wall poster.

New Low Price! Color File. ** An

easy-to-use home filing system to alphabetize, select, examine, revise and store household records. Comes pre-set with seven files-or create your own. Was \$34.95 in 1985 Cata-

New Low Price! Spectaculator®. Do home planning and budgeting with this electronic spreadsheet. Just enter numbers and formulas-results are

New Low Price! Color SCRIPSIT®. A powerful home word processing system for correction-free letters. Text can be saved on optional cassette recorder or printed with optional printer. Was \$44.95 in 1985 Catalogue.

New Low Price! Personal Finance II. Includes 26 expense categories, including auto, gas, food and more. Review spending on year-to-date or category basis. Was \$44.95 in 1985 Catalogue. 26-310639.95

Color Screen Print Utility. ** Provides multi-color printouts of color graphics screens produced by your graphics program. For use with color ink-jet printer (26-1268) or any dot-matrix printer with bit-image capabilities for black and white printouts. Requires 16K Extended BASIC.

NEWI COLORSTAT. ** Use your Color Computer to turn complicated home or business data into statistics for easy analysis, or print them on an optional

New Low Price! Bingo Math.* Three games to make learning fun. Bingo, Speed Math and Number Hunt. Was \$34.95 in 1985 Catalogue. 26-3150......29.95

French Keyboard ROM Pak. Convert your Color Computer keyboard to "French" with this plug-in Pak. Displays accented French characters on your TV or video display. The layout of the French keyboard is the same as a French language typewriter. Most Extended BASIC functions are

NEWI Color Math.** Makes learning fun. Supplement your children's study with problems in addition and subtraction. For ages 6-14.

New Low Price! Color Editor/Assembler. Develop 6809 software programs or subroutines. You get trial assembly in memory before final assembly to tape, an editor to change your program and Z-Bug for testing. Was

Color Compac. Color computer communications package for cassettebased systems. Access major data bases, transmit and receive programs (BASIC and machine language) by phone. Requires modem, cable and

Give Kids a Head Start With Private Tutoring by Walt Disney Characters

Telling Time with Donald. * * Your children will learn the necessity of telling time. Donald Duck makes time interesting, so people can get to work or

Mickey's World of Writing.** Youngsters learn sentence structure and basic writing skills with Mickey Mouse. Helps develop good grammar habits

Mickey's Alpine Adventure.** A frosty exploration of spelling rules. Learn with Mickey Mouse and Donald Duck about the sounds of vowels and consonants. 26-253444.95

Math Adventure with Mickey.** Mickey Mouse and friends teach you how to work with decimals. Makes fractions fun instead of frustrating. For ages 9-13. 26-253544.95

(DAUP DISNEW CIMPUTER



Space Probe: Math. * * An exciting interstellar study of mathematical word problems. Learn the concepts of area and perimeter during outer space

Games by the People of Sesame Street



ICCW programs require Extended BASIC.

AN ACTIVITY OF CHILDREN'S TELEVISION WORKSHOP



Taxi.*** A Cooperative Strategy Game. Klds learn to make change from *Grover's Number Rover.*** A Basic Skills Game, Grover is counting on you to help him with numbers. For ages 3-6. 26-252229.95 *Cookie Monster's Letter Crunch.*** A Basic Skills Game, Match letters and words to feed the Cookie Monster, For ages 3-6, 26-2526...29.95

*Joysticks required. **Cassette recorder required. **

Learning with Spinnaker





identify numbers, letters and words. 26-3167	
Facemaker. An exciting game to help your kids learn computer basics while they create an animated face, 26-316639.95	
Kindercomp. Introduce your children to computer graphics! Create vivid color pictures and exciting sound effects, 26-3168	
Fraction Fever. An exciting math contest! Develops a real understanding of fractional relationships. 26-3169	
Alphabet Zoo. Children learn to associate letters of the alphabet with the sounds they represent in two humorous games. 26-317044.95	
**Jovsticks and recorder required.	

COLOR COMPUTER GAMES FOR THE WHOLE FAMILY New! Exciting Instant-Loading Games for Hours of Fun



Demolition Derby

29⁹⁵

lengel Hear your engine roar as you wipe out, demolish and destroy your competitors. Race alone or with a friend. 26-304429.95

Temple of ROM

29⁹⁵

(1) Seek out the mysteries of a vanished civilization on the planet Roloc. Search the temple for artifacts. But beware of the legendary curse that guards them! 26-3045. 29.95

Cyrus

39⁹⁵

Improve your chess skills! Lets you change playing levels during a game, reject the computer's move, take back moves, enter a series of moves for both sides and more. 26-3064 39.95



Seven Card

29⁹⁵

Play against three different computer opponents, each of whom modify their play according to your moves. Watch how you bluffl 26-3074 29.95

Donpan

29⁹⁵

Panic Button

29⁹⁵

A race against time and an angry boss on the assembly line. If things get out of control, hit the "Panic Button" to stop the conveyor belt and get things under control. 26-3147............. 29.95



Dragonfire 3995

bridge to the treasure room while dodging fireballs. If you cross safely, you may collect the treasure by avoiding the dragon's fire. Find the key to get out, and cross the next bridge. Each bridge increases the difficulty. 26-3098 39.95



Demon Attack

3995

You're Under Attack!

Dragonfire and Demon Attack/TM Imagic.

More Exciting and Challenging Color Computer Games

Program Pak™ Games

New Low Price! Downland.
Become a spelunker! Alone in a secret cave, you jump and climb from chamber to chamber, collecting keys, gold and diamonds. Each chamber is different—so watch out! Was \$34.95 in 1985 Catalogue. 29.95

Spidercide. The Scape the web! Giant spiders are trying to trap you in their webs. Keep calm and use your spaceship's missiles to defend yourself and escape the silky trap. 26-3049 29.95

New Low Price! Galactic Attack. ① Enemy spaceships dive-bomb your fortification. If you destroy this squadron of ships, the enemy reverts to a "night" attack. Your screen changes to an ominous color. Destroy the first wave of night attackers and your points are doubled! Was \$34.95 In 1985 Catalogue. 26-3066

New Low Price! Poltergeist. Based on the hit Steven Spielberg movie! Unless you complete three levels of play, you don't stand a "ghost" of a chance of rescuing Carol Annel First, find clues. Then, climb stairs. Third, destroy the poltergeist! Was \$39.95 in 1985 Catalogue. 26-3073...34.95

New Low Price! Mega-Bug. (1) it's a maze of fun as you try to lose the little "buggers" hot on your trail! You eat white dots, leaving a trail of dots behind you. The secret is to leave false trails in order to confuse and lose your chasers. Win by eating all the dots before you're caught. Was \$39.95 in 1985 Catalogue. 26-3076.....29.95 Poltergeist © 1982 Metro-Goldwyn-Mayer Film Co. and SLM Entertainment, Ltd.

New Low Price! Canyon Climber. Three levels of hazardous fun! While ascending the cliffs, you must avoid the goats trying to knock you off, deadly arrows zinging by and objects falling from the sky. Obstacles increase each round. Was \$44.95 in 1985 Catalogue. 26-3089.....39.95

Star Blaze. Protect the Milky Wayl Radar indicates menacing vessels nearby. Seek, destroy and check radar again: Red Alerti There's no let-up in the excitement. 26-3094 29.95

New Low Price! Baseball. Plays just like the real game! Fantastic graphics. Gontrol pitching, running and defense. Make big-league decisions. Was \$34.95 in 1985 Catalogue. 26-3095...29.95

Androne.
O Your computer has been invaded by memory-eating Data Bugs. Call on Androne, a user-controlled robot to hunt through your memory banks and "de-bug" them. 26-3096 . . 29.95

Cassette Came Software

ZAXXON. 3 Experience arcade thrills! Bring the exciting action of this popular arcade game into your own living room! Dodge missiles, blow up tuel tanks and radar towers and zap the enemy fleet to score points, then match wits with the deadly ZAXXON Robot himself. Challenges escalate as you progress, too. Lets you stop games in progress and continue them later. Fun for the whole family—for one or two players. Official Sega® version by Datasoft. 32K Required.

Raaka-Tu^m. (2) Venture into the temple of a lost civilization. The clever can gain vast treasures. Draw on your knowledge of magic and medicine. 26-3311

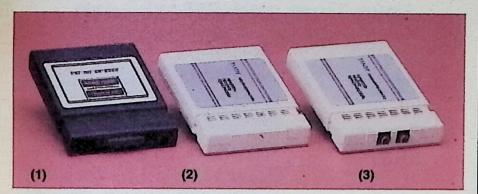
- Joysticks required.
- (2) Cassette recorder required.
- 3 Joysticks and cassette recorder required.

ZAXXON/TM Sega Enterprises, Inc.

ACCESSORIES FOR THE COLOR COMPUTER



Bencharge **Revolving Credit**



*Low As \$25 Per Month on Bencharge

(1) Deluxe RS-232 Program Pak. Lets you communicate with major information services and with other computers over telephone lines. Frees serial port for optional printer. Requires modem. 26-2226.....

(2) New Low Price! Sound/Speech Program Pak. Add sound and voices to your BASIC programs using PEEK and POKE commands. It even lets you add text to the speech in your programs. Was \$139.95 in 1985 Catalogue. 26-3144...

(3) NEW! Orchestra-90 Electronic Music Synthesizer. Compose music on your computer and listen to it on your stereo system. Compose in six octave ranges in up to five voices in stereo. Transcribe sheet music. Store notations on cassette or disk. Cables sold separately. 26-3143 . . . 99.95 Orchestra-90/TM Software Affair.

Instant-Load Program Pak™ Upgrades | Color Computer Mouse and Joysticks



(4) Color Mouse. Adds speed to games and graphics creation. Simply "roll" across tabletop to accurately position cursor. Use alone or with a

(5) New Low Price! Joysticks. For fast, realistic action. 360° movement. Single-shot button. Was \$29.95 in 1985 catalogue. 26-3008...Pair 24.95

(6) New Low Price! Deluxe Joystick. Just one touch and you'll feel the difference! Patented stick mechanism for accurate cursor control and quicker response. Dual-axis trim controls for fine-tuning joystick to game, business and graphics software. Select "spring-centering" or floating" operation. Was \$49.95 in 1985 Catalogue. 26-3012. Each 39.95

Color Computer External Expansions

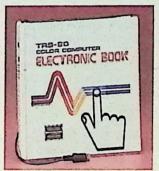
(7) Appliance/Light Controller. Connect lights and appliances to Plug 'n Power™ remote control modules (sold separately, see page 145), attach the controller to your Color Computer, then program all desired times and events. Lets you program up to 128 events for total 24-hour control. All data is

(8) Multi-Pak Interface. Connects up to four Program Pak cartridges to your Color Computer at once. Connects devices, such as a Color Computer disk drive and graphics tablet, too. When you're ready to change from one Program Pak to another, just move the selector switch, or change between slots under program control. 26-3124 129.95



Touch-Sensitive Electronic Book





Interactive routines make learning a game. Each of the optional software packages below contains "pages" which compose the Electronic Book. Different areas of the book's touch-sensitive surface are pressed to make Maze Master. An introduction to computers. 26-2541 29.95 Shape Maker. Identify geometrical shapes. 26-2542 29.95 The Number Factory. Teaches math operations. 26-2543 29.95

Computer Cassette Recorders



(9) CCR 82. Sound monitor, volume control with preset marker and pause. Requires four "AA" batteries or optional AC adapter. 26-1209.... 59.95 (10) CCR 81. Cue/review and tape counter. AC operation (or four "C" batteries not included). 26-1208......79.95

COLOR COMPUTER DISK DRIVE AND SOFTWARE



Increase Your Data Storage with a Color Computer Thinline Disk Drive

NEW '86

399⁰⁰

'Low As \$25 Per Month on Bencharge

Color Thinline Disk #0. Turn any Color Computer with Extended BASIC into a complete disk system and store over 156,000 characters of data. You can write your own sophisticated disk applications or add ready-torun software. The drive plugs into the Program Pak port or Multi-Pak Interface. Includes 5½" double-density, 35-track floppy disk drive; Program Pak cartridge containing the Disk Operating System; cable; one blank 5½" diskette; reference manual and operator's instructions. A second drive may be added (26-3130, \$349.00, requires installation, not included). 26-3129

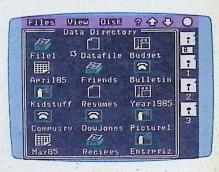
Save Time and Effort with DeskMate™ Software

NEW '86

13995

*Low As \$25 Per Month on Bencharge

Available approx. Oct. 30, 1985



Features Seven Applications on One Disk

Ready-to-Run Disk Software for Your Color Computer





NEW! One-on-One. Fastpaced basketball action with Larry Bird and Julius (Dr. J) Erving. Use their moves and shots. 26-3288 49.95

NEW! TSWORD. A format program that forms a powerful OS-9 word processing package when combined with TSEDIT. 26-3267 ... 49.95
TSEDIT. A high-resolution screen editor that allows upper and lower case in lines from 32-80 columns. 26-3264 ... 44.95
Investograph. Chart stocks and trends. Features high-resolution graphics. 26-3258 ... 69.95
Cash Budget Management. Features ready-to-use income, expense and cash categories—or you can define your own. 26-3261 ... 69.95
TRSCOPY. Transfer text files between OS-9 and Color Computer disks. 26-3263 ... 34.95



NEW! PAN. Write your own songs! Built-in features include everything you need to compose music in three-part harmony 26-3279 39.95





RADIO SHACK TELECOMMUNICATIONS

Rubu Fineli

Bencharge Revolving Credit* See Page 3

Telephone Modems for Every Need



Telephone Modems. Communicate with any RS-232C equipped computer. Bell 103 compatible, 300 baud, full duplex, originate and answer. Direct-connect modems have modular phone plug.

Note: Use only with Bell-compatible equipment. Direct-connect modems are not for multi-line use without optional-extra controller.

High-Speed Modem

599⁰⁰

*Low As \$25 Per Month on Bencharge

Automatically Selects Incoming 300/1200-Baud Rate



DC-2212 Modem. High-speed transmission cuts long-distance costs to save you money! Automatically dials and answers phone, receives and transmits data, even hangs up phone. Easy-to-use, menu-driven asynchronous or synchronous operations. Bell 212A compatible, 300 and 1200 baud, full duplex, originate and answer.

599.00

RS-232C Selector Switch

229⁹⁵

Connect Up To Three Devices

SW-303. Two switched ports for modems, plotters and other RS-232C devices. Cables not included.



Access Information by Phone with Videotex Software

Dow Jones News/Retrieval

A"direct line" to Wall Street—and the first hour is free! Dow Jones News/Retrieval gives you current market quotes (subject only to the mandatory 15-minute delay) on all stocks, bonds and options traded on the major exchanges—plus selected U.S. Treasury issues. Detailed financial statistics compiled by Media General Financial Services are available for all NYSE and AMEX traded companies. There's also "electronic editions" of The Wall Street Journal, Barron's and the Dow Jones "Broadtape" as recent as 90 seconds and as far bback as 90 days.

CompuServe Information Service

Get "on line" with this exciting information sservice—and the first hour is free! CompuServe coffers local, national and international news (read theadlines before they've gone to press!), weather aand sports from major newspapers like the New

York Times and The Washington Post, plus the full newswire service of Canadian Press and the Associated Press. Get historical information and updates on over 32,000 stocks, bonds and securities. There's also a home and educational reference service, computer games and Radio Shack's own Computer Bulletin Board. Communicate with other subscribers nationwide via the "electronic mail" service, get 16K RAM workspace and 128K of disk storage for your own use and much more! All this available at CompuServe's low hourly rate (additional charges for some services).

Low-Cost Videotex Packages

Access national information networks and data bases using your computer and optional telephone interface. Simply dial a phone number (usually local), press a few keys and the desired information appears on your screen. Each easy-to-use package includes a Videotex software

manual, CompuServe manual, ID number and password, and a Dow Jones manual and password. You also get one FREE hour on BOTH the CompuServe and Dow Jones networks! After that, you'll be billed at their low hourly rates.

Color Videotex Package. 26-2222 39.95

Model 4 Videotex. 26-1598 69.95

Agricultural Software for Your Model 4/III Computer

AgriData Network

(ITTA) An agriculture information network that lilets you access the latest marketing, finance, nnews, weather, general business and production linformation. Requires Model III or 4 and modem. Includes a user's manual with quarterly updates, a reference flip chart, a subscription to Farm Futures magazine, a newsletter and a toll-free 24-lhour support service from AgriData Resources. 26-2227

AgDisk Farm/Ranch Software

AgDisk VisiCalc Templates

CTTD. Makes VisiCalc (required) quick and easy to use for agriculture applications.

Business Management. 26-1610 89.95

Cow-Calf Herd Management. 26-1611 89.95

Crop Management. 26-1612 89.95

Feedlot Cattle Management. 26-1613 . . 89.95

Minimum Hardware Requirements

I/III = Model I or III III = Model III 4 = Model 4

A = 32K 1-Disk B = 32K 2-Disk C = 48K 1-Disk
D = 48K 2-Disk E = 64K 1-Disk
Model 4 can run software in Model III mode.
AgDisk software requires a 80-column printer.

NEW! MODEL 4D MICROCOMPUTER WITH DESKMATE Two Built-In Double-Sided Drives for 736K of Disk Storage



DeskMate 6-in-1 Software Included

This user-friendly program lets you get down to business fast! Choose TEXT for preparing correction-free reports, memos and letters. WORKSHEET lets you make quick-and-easy "What if...?" calculations. FILER lets you create a name-and-address file, inventory list and more. CALENDAR alerts you to appointments. Use TELECOM to communicate with other computers and information services and MAIL to send messages to other DeskMate users (modem and cable required).

 NEW '86

189900

Available Approx. Oct., 1985

- Includes DeskMate™ Disk Software for Word Processing, Electronic Filing, Spreadsheet Analysis, Telecommunications, Calendar/Alarm and Electronic Mail
- 64K Memory—Expands to 128,000 Characters
- Parallel Printer Interface 80 x 24 Display
- Other Ready-to-Run Software Available

Model 4D with DeskMate. The perfect desktop computer for busy managers, professionals, educators and home users. The Model 4D even comes with valuable DeskMate software on diskette, featuring the applications today's computer user wants most. Plus, a huge software library is already available for thousands of applications. The Model 4D runs all TRSDOS® software designed for the Model 4D runs all TRSDOS® software designed for the Model 4A and 4P, as well as for Model III/I (in the Model III mode). The Model 4D is also compatible with CP/M Plus and LDOS operating systems, giving you an enormous selection of programs of every type. Two built-in double-sided 5¹/4″ floppy disk drives provide 736K of storage (368K each). A built-in RS-232C Serial Interface lets you communicate with other computers over phone lines, plus gives you access to national information networks (requires modem and cable). Features three programmable function keys. And it's easy to expand—add more memory, one or two more floppy drives or a hard disk. Includes Microsoft Disk BASIC and TRSDOS 6 operating system, owner and programming manuals, a reference card, and an introduction to get you started immediately. 26-1070 1899.00

DeskMate/TM Tandy Corp. Microsoft/TM Microsoft Corp. CP/M Plus/TM Digital Research, Inc. LDOS/TM Logical Systems, Inc.

Expand Today with These Upgrades for Model 4D/4/4P/III/I



New Low Price! Model 4 High-Resolution Graphics. Provides 153,600 picture elements. Requires 64K 1disk system. Was \$379.95 in 1985 Catalogue.

New Low Price! RS-232C Serial Interface Kit. Lets you communicate over phone lines. Allows use of serial devices. Includes cable. Was \$159.00 in 1985 Catalogue. 26-1148 129.95

New Low Price! Model 4/III Internal Drive 1. Adds another 184K disk drive to your 1-disk Model 4/III. Was \$359,00 in 1985 Catalogue, 26-1163

New Low Price! Model 4 64K RAM Upgrade Kit. Expands your Model 4 from 16K to 64K, or from 64K to 128K. Required for Model 4 cassette to disk upgrade. Extra memory not accessible by BASIC. Was \$109.95 in 1985 Catalogue.

New Low Price! Model III to 4 Upgrade Kit.
Converts your Model III disk system to a Model 4
disk system (except for cabinet and green
phosphor monitor). Includes a new keyboard,
64K RAM, TRSDOS 6 diskette with Disk BASIC.
Was \$1199.00 in 1985 Catalogue.

Model III BASIC and 16K RAM Upgrade Kit. Upgrades your 4K Level I to Model III BASIC. For Model III only. 26-1121229.00*

External Disk Drives. Each drive adds 184K of data storage to your Model 4, III or I. Uses 40-track 5¹/₄" diskettes. Internal drive #0 required.

Hard Disk Kits. Each kit includes cable, software and manuals for use with our 15- or 10-megabyte Hard Disk Systems (see page 178).

15-Megabyte Model III Kit. Includes Model III LDOS operating system. Can be used for split disk operation. Req. 48K 1-disk Model III.

15-Megabyte Model 4 Kit. Includes Model 4 TRSDOS 6.2. Req. 64K 1-disk Model 4.

*Requires Installation, not included.

MODEL 4/III/I SOFTWARE PACKAGES



Bencharge Revolving Credit* See Page 3

General Ledger. 4/III D Use alone or interface with Accounts Receivable, Invoice Writer, Accounts Payable below. Handles 100 accounts, 1150 transactions per month. 26-1540 249.95
Accounts Receivable.*4/III ① Handles up to 2000 transactions per month with up to 150 customers. 26-1541
Invoice Writer.*4/III © Creates invoices for Accounts Receivable system above. 26-1544
Accounts Payable.*4/III ① Handles up to 1100 transactions and 75 vendors per month. 249.95
Inventory Control. 4 Processes up to 100 vendors, 50 purchase orders and 1200 inventory litems. Req. 3 drives. 26-1545
COBOL Query. 4 (F) Retrieve information from COBOL data files. 26-2026
Minimum Hardware Requirements

4 = Model 4, 4D or 4P only

III = Model III

III/I = Model III or I

(A) 32K 1-Disk (B) 32K 2-Disk

© 48K 1-Disk © 48K 2-Disk

€ 64K 1-Disk € 64K 2-Disk

SCRIPSIT®. Low-cost word processing program
lets you prepare correction-free memos, letters,
reports and manuscripts. With manual and quick-
reference card. Requires printer.

SuperSCRIPSIT. Deluxe word processing program supports proportional-spaced printing, multiple columns and much more.

4 E 26-1595											249.95
ш/і С 26-1590											249.95

*Interactive with 26-1540 using three drives or hard disk.

DoubleDuty. 4 Load two separate programs at once into two partitions. DoubleDuty lets you move back and forth between programs without reloading. Requires 128K. 26-2231 89.95

Formation Forms Management System. 4/III © An easy-to-use, menu-driven program for creating, filling out and printing business forms. 26-1527 249.95

THSDOS 6.2 Utilities. 4 (E) Lets you make a backup in less than one minute, allows the use of labels rather than line numbers in BASIC programs, simplifies conversion of Model III programs to Model 4 BASIC, recovers killed programs, compares two disks or files for a match. Requires TRSDOS 6.2.

See Page 171
For Agricultural Software

Exciting Games for the Entire Family

13 Ghosts. 4 Armed with your "Ghost Blaster", you're out to de ghost town. 26-1927	-spook a 29.95
Games Pack 2. 172 Includes Defense Command and Stella 26-1925 Disk Version. 3 26-1926	34.95
Games Pack 3. 172 Includes Cosmic Fighter and Meteor M 26-1923 Disk Version. 3 26-1924	34.95
Magic Carpet. (1/2) An interactive adventure game for yo 26-1919	ungsters 12.95
Starquest. 172 Fight off aliens! 26-1920	22.95

Zaxxon. (1/2) Optional amplifier adds sound effects. 26-1960	39.95
Disk Version. 4 26-1956	39.95
Computer Diplomacy. 4 26-1957	29.95
Frogger. 172 Optional computer-generated music requires mini 26-1958	29.95
Sword of Roshon. ② 26-1918 Hall of the Mountain King. ③ 26-1921 Monty Plays Scrabble. ③ Requires board game and mini-ampliance.	22.95 ifier.
26-1954	19.95

Popular Cassette Software for Model 4/III/I

Minimum Hardware Requirements

(1)=16K Level II (2)=Model III BASIC (3)=32K 1-Disk (4)=48K 1-Disk Cassette software requires a cassette recorder and cable.

COMPUTER FURNITURE AND ACCESSORIES



Computer Stand

Ideal for Color Computer, Features monitor/

Printer Stand

Large enough for wide-bed printers. Includes bottom feed paper slot and stor-

Desktop Printer Platform

Printer and paper not included.

Accommodates standard computer monitor for easy viewing or narrow-bed printer. Top measures 16³/₄ × 13³/₄", with 5" clearance for printer paper. 26-1360 49.95

Dust Covers



Computers	Cat. No.	Price	
Model III/4/DT-1	26-506	6.95	
Model 12/16/6000	26-526	9.95	
Color Computer 2	26-532	4.95	
Tandy 1000/1200/ 2000	26-541	12.95	

Per herals	Cat. No.	Price
CCR 81 Recorder	26-517	3.95
External Disk Drive	26-502	2/7.95

Printers	Cat. No.	Price
DMP 105	26-530	4.95
DMP 130	26-536	5.95
DMP 430	26-535	5.95
DMP 2100/P	26-525	5.95
DMP 2200	26-539	6.95
DWP 510, DW II	26-508	6.95
DWP 220	26-537	6.95
TP-10	26-531	4.95

Power Line Filter

For 86



Protect Your Computer

Limits AC power-line interference. Single switch controls eight outlets for total power rating of 6.5 amps/780 Watts. With surge protec-

Automatic Power Strip



For Use With

Controls Up to Five Accessories

SW-301. Automatically activates up to five pe-

Deluxe Modular Workstation



■ Simulated Oak Finish ■ Easy-to-Assemble Components

System Desk. Spacious design. Twin cable management slots for easy connections. Adjustable glides. 27 x 49³/₄ x 29³/₆". 26-1356 199.95 Half-Width Storage Hutch (not shown). Ideal for use with Tandy 1000, 1200, 2000 and others with separate monitors. Three shelves. 26-1374 ... 79.95 Corner Section. Connects system desk and printer stand for a convenient "work corner". Attaches to either side of desk. 26-1358 59.95 Printer Stand. Includes bottom-feed paper slot, fold out paper catch and paper storage shelf. Adjustable glides. $27\times28^{1/2}\times19^{1/2}$ ". 26-1357 . 159.95

Radio Shack Computer Cables



Parallel Printer Cables

For Use With	Description	Cat.No.	Each
Model I/III/4/4P/1000	6' ribbon	26-1401	54.95
Model I/III/4/4P/1000	12' ribbon	26-1368	59.95
Model II/12/16/6000/2000	6' ribbon	26-4401	54.95
Model II/12/16/6000/2000	12' ribbon	26-1323	59.95
Tandy 1200/IBM PC	6' ribbon	26-1347	54.95
Tandy 1200/IBM PC	12' ribbon	26-1371	59,95
Se	erial Cables		

For Use With	Description	Cat.No.	Each
Color Computer/MC-10 to Printer and Modem Color Computer/MC-10 to RS-232C DT-100 Terminal to Printer	4-pin to 4-pin 4-pin to DB25 4-pin to DB25	26-3020 26-3014 26-1361	6.95 26.95 26.95
Cassette F	Record Cable		

Computers with cassette port 5-pin to audio 26-1207 Model 100/Tandy 200 Interface Cables

Description

Cat.No.

Each

6.95

For Use With	Description	Cat.No.	Each	
Any parallel printer	34-pin to 36-pin	26-1409	19.95	
DC modem to phone jack	8-pin to modular	26-1410	29.95	

Universal RS-232C Communication

For Use With	Description	Cat.No.	Each
III/4/12/16B/1000/1200 HD/2000/6000	5' Ribbon	26-1408	29.95
II/16	5' Round/terminator	26-4403	59.95
12/16/6000/1000/1200/2000	10' Round	26-1490	39.95
or III/4 with 26-1497	25' Round	26-1491	59.95
	50' Round	26-1492	79.95
	100' Round	26-1493	119.95
Two RS-232C cables	Connector	26-1495	29.95
Two Computers & RS-232C Cable	Null Modem	26-1496	26,95
DT-1/III/4 and RS-232C Cable	8" flat extender	26-1497	27.95
6000 RS-232C Card to modem	Modern adapter	26-1373	29.95

INSIST ON RADIO SHACK COMPUTER SUPPLIES



Our diskettes are double coated with an advanced ferric oxide blend to provide maxi-Imum lubrication and resistcance to diffusion. All diskettes sare unformatted, doubleodensity and soft-sectored.

Certified 31/2", 51/4" and 8" Diskettes

Quality—Manufactured to the **Highest Standards of Excellence**

New! 31/2" Single-Sided Diskettee

Size	Tracks	Quantity	Cat. No.	Price
31/2"		3	26-415	21.95
31/2"	80	10	26-416	69.95

Single-Sided Diskettes

Size	Tracks	Quantity	Cat. No.	Price
51/4"	40	1	26-305	4.29
51/4"	40	3	26-405	10.95
51/4"	40	10	26-406	29.95
8"	77	3	26-4904	18.95
8"	77	10	26-4906	53.95

■ Reliability—You're Assured That Your Programs and Data Are Safe

Double-Sided Diskettes

Size	Tracks	Quantity	Cat. No.	Price
51/4"	40	3	26-411	12.95
51/4"	40	10	26-412	36.95
51/4"	80	3	26-409	19.95
51/4"	80	10	26-410	59.95
8"	77	3	26-4961	24.95
8"		10	26-4960	65.95

Replacement Labels

Size	Quantity	Cat. No.	Price
51/4"	54 54	26-307 26-4955	3.99

Disk Drive Analyzer



Spot potential problems before they occur! Pre-programmed diskette analyzes your drive's radial alignment, rotational speed, clamping ability and read/write accuracy. Easy to use. Just insert the Disk Drive Analyzer in your drive and follow the instructions that appear on the screen. Displays results automatically.

For Model III/4/4P. 26-413 39.95

Disk Drive

Head Cleaning Kit



Diskette Library Boxes

> Low As 395

NEW! 31/2". Holds 5. 26-1380	2/3.95
51/4". Holds 5. 26-1348	. 3.95
51/4". Holds 10. 26-1452	. 6.95
l'. Holds 10. 26-4952	. 7.95



Diskette Storage Boxes

Low As

1995

31/2". Holds 30. 26-1381	19.95
51/4". Holds 50. 26-1362	24.95
8". Holds 50. 26-4953	34.95

Disk **Files**



(1) NEWI 51/4" Wallet File. Holds 10. 26-1366 (2) Binder for Envelopes. 26-1310 7.95

(3) 51/4" Envelopes. 26-510 Pkg. 10/11.95 8" Envelopes. 26-4907 Pkg. 10/11.95

NEW! 31/2" Drive Kit, 26-419 ... 51/4" Drive Kit. 26-408 12.95 8" Drive Kit. 26-4957 12.95

Low

795



Insist on Authentic Tandy Computer Cassette Tapes

Certified Cassette Tapes for Reliable Data Storage

Our certified cassettes deliver error-free data recording for tape-based computer storage systems. Each quality data storage tape is free from defects and includes an identification label and a hinged plastic box for protection.

Deluxe C-20 Cassette Tape. "Reel-toreel" design in a clear shell. C-20 Cassette Tape. 26-301 3.95 C-10 Cassette Tape. 26-302 2.95

Quantity	Deluxe C-20 (Each)	C-20 (Each)	C-10 (Each)
1-11	4.95	3.95	2.95
12-23	4.49	3.59	2.69
24-47	3.99	3.29	2.39
48-UP	3.59	2.99	2.19

Handy Supplies



(1) Screen Cleaner. Cleans smudges. Repels dust. 4 oz. 44-1150 6.95 (2) Anti-Static Spray. Controls problemcausing static. 16 oz. 26-515 6.95



Monitor Pedestal

NEW '86

HHolds all Tandy monitors. sswivel base rotates, tilts.	Adjustable
226-1369	22.95



Size	Design	Quantity	Cat. No.	Price	
91/2×11"	Greenbar 15#	3500 sheets	26-1403	69.95	
91/2×11"	Blank 15#	500 sheets		12.95	
91/2 × 11"	Blank 20#	500 sheets	26-1387	15.95	
91/2×11"	Blank 20#	1250 sheets	26-1427	34.95	
147/8×11"	Greenbar 15#		26-1330	16.95	
	Greenbar 15#		26-1417	89.95	

Save on Fanfold **Printer Paper**

Our 91/2 x 11" sheets have "invisible" perforated margins.

Pressboard **Binders**

147/a x 11" Binders. 26-1339. Pkg. 2/11.95 91/2 x 11" Binders. 26-1340, Pkg. 2/11.95

Fanfold Mailing Labels Low As

995



1-Wide. Pkg_/1000). 26-1328	. 9.95
1-Wide. Pkg./5000	. 72-402	34.95
2-Wide. Pkg./2000	. 72-401	25.95
3-Wide, Pkg./3000	. 72-400	26.95

Roll Printer Paper

Printers	Cat. No.	Price
LPI/IVIV/VIII/DMP 200	26-1402	2/29.95
Quick Printer (#26-1153)	26-1405	3/26.95
Quick Printer II (#26-1155)	26-1412	2/6.95
Plotter/Printer (#26-1190)	26-1407	7.95
PC-1	26-3506	6/2.75
PC-2	26-3606	6/3.49
CGP 115	26-1428	3/7.95
CGP 220 Rolls	26-1333	3/14.95
CGP 220 Cut Sheets	26-1341	250/9.95

Anti-Glare Mask Cuts Reflections



Nylon 95 Mesh

Cuts light reflection without affecting readability. Quick, easy adhesive attachment. Not for color monitors. 26-511 22.95



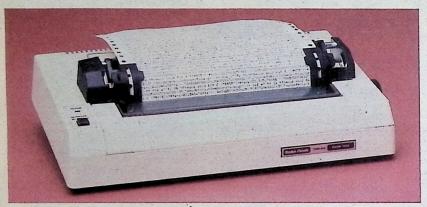


Programming Aids

(1) Printview Ruler. 26-1313 4.50 (2) Flowchart Template, 26-1312 ... 4.95 (3) Graphics Worksheets.

26-2105 100/6.95

RADIO SHACK HAS PRINTERS FOR EVERY NEED



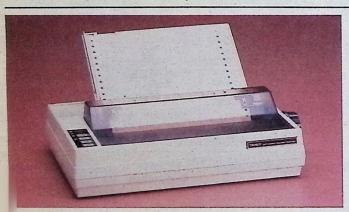
Low-Priced Impact Matrix Printer

269°°

'Low as \$25 Per Month on Bencharge

- High Performance for Less!
- Bit-Image Mode for Graphics
- 80 Characters Per Second
- Prints 9 x 8 Dot-Matrix Characters on an 8" Line

DMP 105. Our lowest price ever for a full-size, 9" dot-matrix printer! Print quality rivals printers at twice its price. Low-cost complement to your Color Computer or Model 4/III. Prints 10, 12 and 16.7 characters per inch. Features elongated and condensed type, underline and boldface. Graphics mode allows 480-800 dots per line. Uses fanfold paper or single sheets. Includes parallel and Color Computer-compatible serial (600/2400 baud) interfaces.



Triple-Mode Printing Made Affordable

NEW '86 469

*Low as \$25 Per Month on Bencharge

- Does It All for One Low Price!
- Lets You Choose Between
 Word Processing, Data Processing
 and Dot-Addressable Graphics Modes
- Compatible with the IBM PC

IBM/Registered TM International Business Machines Corp.



Black Ink Replacement Pack. 26-1281 12.95 Color Ink Replacement Pack. 26-1282 19.95 8½ x 11" Paper. 26-1341 250 Sheets/9.95 Roll Paper, 26-1333 Pkg. of 3/14.95

Color Ink-Jet Printer

NEW LOW PRICE!

Was \$899.00 in 1985 Catalogue

799%. Low as \$25 Per Month on Bencharge

CGP-220. This high-resolution, drop-on-demand ink-jet system prints in seven non-smearing colors. Parallel and Color Computer-compatible serial interfaces. 26-1268 799.00

Printer Controller and Switch Add Efficiency



399⁹⁵

179⁹⁵

Add Power and Flexibility to Your Printing Operations

(1) PTC-64. Print one job while working on another! Stores 62,000 characters in RAM. Handles graphics and special text. 26-1269

(2) SW-302. Connects two printers to one computer or two computers to printer. Cables not included. 26-1498..... 179.95

"Whisper-Quiet" Thermal Printers



Color Computer Thermal Printer

129⁹⁵

*Low as \$25 Per Month on Bencharge 9" Thermal Ribbon Printer

399 00 'Low as \$25 Per Month on Bencharge

Thermal Roll Paper. 81/2" x 100'. 76-1003 Pkg. of 6/29.95

IBM/Registered TM International Business Machines Corp.

Cables and Supplies for All Our Printers Are Available at Your Nearby Radio Shack

MORE PRINTERS AND ACCESSORIES



Bencharge Revolving Credit* See Page 3

Our Lowest-Priced Daisy Wheel Printer

- Prints over 200 Words per Minute
- Clean, Sharp Characters for That "Electric Typewriter Look"
- Uses Interchangeable
 100-Character Print Wheels

NEW '86

79900

*Low as \$25 Per Month on Bencharge

DWP 220. Letter-perfect printing for word processing programs like SCRIPSIT®. Select 10 or 12 cpi, or proportional pitch. Print wheel cassettes simply "drop in" for clean, easy installation. Prints at 20 cps. Includes forward and reverse paper feed, 1/2-line feed, underline and programmable backspace. "Paper empty" and "ribbon end" sensors. Automatic impact control prolongs print wheel life. IBM compatible with optional-extra software (#700-2118, \$39.95). With Courier 10 print wheel, carbon ribbon.



IBM PC-Compatible Dot-Matrix Printers



132-Column Printer with 18-Wire Head

(1) DMP 430. Superior print quality in standard and correspondence fonts at up to 180 cps. Micro, italic, double-high and elongated fonts, graphics. Pierdriven tractor. Parallel and Color Computercompatible serial interfaces. 26-1277.. 1199.00

1199⁰⁰

'Low as \$34 Per Month on Bencharge

Deluxe Dot-Matrix Prints Custom Fonts

New Low Price! Bi-Directional Tractor. Was \$219.95 in 1985 Catalogue. 26-1441 159.95

1895[∞]

*Low as \$53 Per Month on Bencharge

High-Speed Printer for Business Use

 2195°°

*Low as \$62 Per Month on Bencharge

Professional Word Processing Printer

1895°°

*Low as \$53 Per Month on Bencharge

- Prints Over 500 Words Per Minute
- Interchangeable 124-Character Print Wheels



Replacement Printer Ribbons

Radio Shack continues to support all printers we have sold in the past. See Cat. RSC-15 for a complete listing of ribbons.

	Replacement P	rinter Ribbon	5		
第二代的证明 证据		Character		Each	
Printer	Ribbon	Life	Cat. No.	1-11	12-Up
DMP 120, 200, 430, 500	Refill Pack (3/PK)	4 million	26-1489	22.95	17.20
DMP 105	Fabric Cart.	1 million	26-1288	10.95	8.20
DMP 430	Fabric Cart.	4 million	26-1296	22.95	17.20
DMP 2100, 2100P	Fabric Cart.	2 million	26-1442	19.95	14.95
TRP100	Thermal Film	40,000	26-1297	4.95	3.70
TRP 100	Refill Rolls 5/Pk	40,000	26-1298	12.95	9.70
DW II, DWP 410, 510	Carbon Film Cart. Multi-Strike (3/PK)	250,000	26-1419	29.95	22.45
DW II, DWP 410, 510	Nylon Cart.	1 million	26-1449	15.95	11.95
DMP 2200	Nylon Cart.	10 million	26-1233	54.95	41.20
DMP 2200	Refill	10 million	26-1234	21.95	16.45
DMP 130	Nylon Cart.	2.5 million	26-1236	15.95	11.95
DWP 220	Multi-Strike Carbon	250,000	26-1299	27.95	20.95

MULTI-USER TANDY® 6000 AND EXPANSIONS



Expands to a Three or Six-Workstation XENIX System

512K Tandy 6000 with Two 1.25-Megabyte Floppies

6599°°

512K Tandy 6000 with Built-In 15-Megabyte Hard Disk

7999°°

- Includes the Powerful XENIX Multi-User Operating System (700-3030)
- Comes with 512K—Expandable to 1 Million Characters of Memory
- Unique Dual-Processor Design
- Four Internal Plug-In Slots

Tandy 6000. The hub of a multi-user office system! Just add low-cost terminals, hard disk and cable to allow up to three people (expandable to six) to perform different tasks at the same time. Advanced 16/32-bit technology permits the Tandy 6000 to utilize much more memory and process data at much higher speeds than 8-bit micros. The state-of-the-art 68000 microprocessor accepts 16-bit data and processes it internally as 32-bit "words". A second microprocessor—the Z-80A—handles input/output and a variety of other "housekeeping" chores. Another advantage is that while the Tandy 6000 handles the complex, computation-intensive jobs and sophisticated

programs that only a 16-bit computer can, you can also use existing Model 12 software (in the single-user mode only). Two RS-232C serial communication interfaces and a parallel printer interface allow expansion with a variety of peripherals. Add high-resolution graphics (single-user mode only), additional memory and more via the user-accessible card cage. Expand easily with external hard disks. Includes 12" green monitor, detachable keyboard with 8 function keys.

External Hard Disk Drives

New Low Pricel 15-Megabyte Primary Unit. Was \$3499.00 in 1985 Catalogue. 26-4155 ... New Low Price! 15-Megabyte Secondary Unit. Was \$2799.00 in 1985 Catalogue. 35-Megabyte Primary. 26-4171 4199.00° 35-Megabyte Secondary. 26-4172 3799.00* NEW! 70-Megabyte Primary. 26-4173 6199.00* NEW! 70-Megabyte Secondary. 26-4174 ... 5599.00* New Low Price! Tandy 6000/16/12/II Cable Kit. Was \$699.00 in 1985 Catalogue. 26-4157 499.00 Tandy 2000 Cable Kit. 26-5126 65.00 15-Megabyte Model 4 Cable Kit. 26-1134 ... 119.95 15-Megabyte Model III Cable Kit, 26-1133 . . 149.95 NEW! 10-Megabyte HD. For Tandy 1000 and Model 4. Requires controller, below. 25-1025 999.00° NEW! Secondary Hard Disk Cable for Tandy 1000. NEW! Secondary Hard Disk Cable for Tandy 1000 HD. 25-1027 ... Tandy 1000 Hard Disk Controller. 25-1007 . . 469.00

10-Megabyte Disk Cartridge System



NEW '86

3195⁰⁰

Removable Cartridges For Easy Back up

Deluxe Data Terminal



1199∞

14" High-Resolution 80 or 132 x 26 Display

ADVANCED TANDY 2000 NOW AT NEW LOW PRICES!



The Ultra-High Performance MS-DOS Based Computer

2-Disk Tandy 2000 Was \$4150.00 in 1985 Catalogue NEW LOW PRICE!

2499⁰⁰

Low As \$70 Per Month on Bencharge

Monitor and Digi-Mouse" not included.

Tandy 2000 HD with 10-Megabyte Hard Disk NEW LOW Was \$6399.00 in 1985 Catalogue PRICE!

3899⁰⁰

Low As \$109 Per Month on Bencharge

Tandy 2000. Gives you more speed, more disk storage, easier expansion options and more advanced graphics than most other MS-DOS based computers. A "next-generation" 16-bit microprocessor makes it over twice as fast as the IBM PC. Two floppy disk drives store 720K per drive. Or choose the Tandy 2000 HD with a built-in 10-megabyte hard disk drive. MS-DOS lets you use the most advanced software on the market. Expand with more memory (up to 768K), stunning high-resolution (640×400 pixel) monochrome or color graphics, and more.

256K 2-Disk Tandy 2000. 26-5103 2499.00
256K Tandy 2000 HD with 10-Megabyte Hard Disk.
26-5104 3899.00
New Low Price. VM-1 Monochrome Monitor. Was 349.00 in 1985
Catalogue. 26-5111 269.00
New Low Price! CM-1 Color Monitor. Requires graphics option (26-5140). Was \$999.00 in 1985 Catalogue. 26-5112 899.00
New Low Price! High-Resolution Monochrome Graphics. Was \$529.00 in RSC-14. 26-5140
New Low Price! High-Resolution Color Graphics Kit. Requires graphics option (26-5140). Was \$219.00 in RSC-14. 26-5141 189.00

Get the Top Names through Our Express Order Software Service

Now, in addition to our "off-the-shelf" software, you can get other top sellers for your Tandy 2000 through our exclusive Express Order Software Service. Choose from the most popular names in software. Just stop by your local Radio Shack Computer Center or participating Radio Shack store or dealer for the latest listings.

Tandy 1200 HD—a "Mirror Image" of IBM's PC XT in Compatibility, Speed and Features—For Less

NEW LOW PRICEI **3299**[∞]

Low As \$92 Per Month on Bencharge

Was \$3699.00 in RSC-14

Monitor and Adapter not included

New Low Price! CM-2 High-Resolution Color Monitor. Was \$799.00 in Cat. RSC-14.
26-3212 699.00



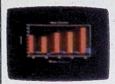
BUSINESS PROGRAMS FOR THE TANDY 1000

Express Order Software

Popular Packages Available From Some of the Most Respected Names in Software

In addition to Tandy's own "off-the-shelf" software selection, we offer the exclusive Express Order Software Service. From extensive lists of third-party programs, you select the ones you want. Your order is electronically transmitted to our Barrie, Ontario warehouse and your software is on its way. We offer programs from MicroPro International, Software Products International, The Small Computer Company, K.I.S. Info. Systems, Telexpress Incorporated, Socatra, Computer Assisted Systems, Attache, Basic Software Group, and many others. These packages are performance proven, and professionally supported by each software vendor.

Popular Lotus 1-2-3



Integrated Software Combines Spreadsheet Analysis, Graphics and Data Base Management

Lotus 1-2-3. One of the most widely used integrated packages in the world. 1-2-3 makes it easy to go from spreadsheet to graphics to information management—instantly! You can change your spreadsheet data directly and graph it in seconds. Also take data from your spreadsheet and search and sort it in any order. No disk-swapping or reentering of data. Special "macro" keys let you substitute a single keystroke for a long sequence. Requires 256K.

SCRIPSIT® 1000



Get the Features of a Dedicated Word Processor for Your Tandy 1000 at a Truly Low Price

SCRIPSIT 1000. Lets you prepare memos, letters, reports and manuscripts. Delete, insert and move blocks of text easily. Includes reverse video to aid in editing. Print as many correction-free originals as you want with an optional printer. Features a spelling checker and corrector, multiple format lines, on-line help and multi-column printing. Allows proportional spacing, justification, multiple fonts and user keys. Requires 256K. Hard Disk required.

25-1155 Avail. approx. 10/85 399.95

The Integrated pfs:series

Choose from this family of flexible, easy-to-use software. Programs can interact with each other so you only need to enter data once. Use them separately or together—learning one makes it easy to learn all the others.



NEW! pfs:plan. Lets you organize a spreadsheet for planning, tracking, analyzing and reporting data. Enter data manually, or from pfs:file. 25-1144 190.00

pfs:file. A very simple way to create and organize your own personalized business or personal filing system. You decide how your records are to appear by simply organizing information on "forms" that you design right on the display screen.

25-1140 190.00

pfs:report. A powerful analysis tool that creates presentation-quality tabular reports from sales, renember and other data stored in pfs:file. 25-1141 175.00

pfs:write. Easily create reports, letters and memos with advanced editing features. Best of all, pfs:write can use information stored in pfs:file to personalize form letters and even address envelopes. Documents can be illustrated with charts created by pfs:graph, spreadsheets from pfs:plan or tables from pfs:report.

25-1142 190.00

pfs:graph. An easy way to turn complex numerical data into easy-to-read graphics. Choose from bar, line or pie charts. Accepts data from pfs:file or from the keyboard. 25-1143 190.00

OFFIX Office System

Word Processing

Multiplan Spreadsheet

Data Base Management

Friday! A simplified filing system that anyone in your office can learn quickly. Great for invoices, inventories, paychecks, sales and commissions records, quick summaries, custom reports, mailing labels and more. Standard or personalized formats. 25-1149 399.95

New! Omniterm 2

Omniterm 2. 2 Provides the ability to communicate with other computers, as well as national information networks. Omniterm 2 lets you communicate with most databases without any special setups. But if unusual settings are required, Omniterm provides them. Capacity for character translations and special function definitions let you communicate with any computer via the RS-232 port. Often-repeated commands or phrases can be programmed into a single keystroke. Files can be transferred with a number of different protocols. In short, Omniterm 2 is the ideal, low-priced communications package for both beginners and experts.

Tandy 1000 Books

NEW! Introduction to MS-DOS. Explains the basics of the MS-DOS system, its functions and possibilities. 25-15069.95

NEW! Advanced MS-DOS Applications. Discusses working with files and devices, organizing your files, simplifying your work, controlling the flow of data, personalizing your system and more.

Learning BASIC for Tandy 1000/2000. An excellent tutorial for learning BASIC programming by Dr. David Lien, author of our famous Model I Owner's Manual. 25-1500 29.95

MS-DOS Reference Manual. Complete guide to all MS-DOS commands. 25-1501 44.95 GW-BASIC Reference Manual. Complete refer-

Programmer's Reference. Documents all BIOS subroutines and entry points for use in low-level languages. 25-1503 19.95

Technical Reference Manual. Schematic diagrams and theory of operation on the Tandy 1000 and option boards. 25-1504 39.95

TANDY 1000 PERSONAL SOFTWARE PACKAGES

Micro Illustrator



Create Beautiful Color Graphics with Easy-to-Use Commands

Micro Illustrator. Puts the power of instant graphics generation at your fingertips. Anyone can use Micro Illustrator to create beautiful computer graphics: An absolute "must" if you have a high-resolution color monitor. No programming experience needed-you'll be creating color graphics in minutes! All commands are on an easy-to-use menu. Just point to choose shapes, colors and functions. Great for use with the Touch Pad (26-1185, page 182). 25-1120 39.95

HomeWord Word Processing



A Word Processing Program so Simple. Anyone Can Learn to Use It in Minutes

HomeWord. Take the confusion out of word processing with HomeWord, an incredibly easy-touse word processor. With HomeWord, there are no complicated commands to memorize, no hefty manuals to flip through. HomeWord is so easy to use, adults or children can start word processing almost immediately! Instructions on cassette tape and an easy-to-follow instruction manual take you through basic word processing functions. It's a snap to print, edit, delete or move copy.

King's Ouest II



Amazing Adventure Game with Beautiful Graphics, Sound and **Animated Characters**

King's Quest II—Romancing the Throne.

1 Enter a strange and wonderful adventure world as you quide King Graham on his quest to free his queen to-be from a jealous enchantress. Use your cunning and courage as you travel with Graham to find the magic keys that will unlock his lady love. Encounter characters of legend, folklore and fantasy. Explore underground caverns, eerie towers and alien wonderlands. Different mysteries and obstacles await you each time you play.

Personal Software

HomeWord Speller. Add this spelling dictionary to your HomeWord system and it automatically searches for misspelled or unknown words. Correct a misspelled word once and HomeWord Speller corrects it throughout the text. Includes 45,000 words in its dictionary. You can add up to 5000 more. 25-1119 69.95

NEW! Managing Your Money.

Designed by financial wizard Andrew Tobias. Provides a complete checkbook and budget program, helps with tax planning, tracks net worth, serves as financial calculator, evaluates life insurance and stores memos on an electronic calendar. Records and analyzes investments, tallies realized and unrealized, gains/losses, suggests optimal tax strategies, prints your Schedule D, reminds you as investments are going long-term and calculates tax shelter and rental property internal rates of return. Requires 256K. 25-1159 249.95

Educational Programs

Facemaker. Helps children become comfortable with computer fundamentals by playing fun, simple games. Build an animated face by choosing eyes, noses, ears and more. 25-1100 . . . 39.95 Kids on Keys. Children learn with the computer

keyboard as they identify numbers, letters and

Kindercomp. Kids create colorful pictures or enjoy colors and sounds as they press different keys. 25-1102 . .

Fraction Fever. Helps children develop an understanding of what fractions are, and the relationships between them. 25-1103 39.95

Alphabet Zoo. Children learn to associate letters of the alphabet with the sounds they represent.

Kidwriter. Your children create their very own storybook with colorful scenes, text and music.

Trains. You're in charge of a railroad empire. It's up to you whether your business succeeds or fails. 25-1107 39.95

Pipes. Arlo the Plumber needs your help to bring water to the people of Gilroy. Help him choose pipes from the factory, connect them to the houses and tie your new system to the water supply. Be frugal and plan your systems well, or you'll both end up all wet. Levels of difficulty increase with the number of houses in Gilroy.

NEW! The FUNdamentals: A Tutorial to the Tandy 1000. A self-paced program and manual designed to teach the basics of operating computers in general, and the Tandy 1000 in particular. Familiarizes the user with the keyboard, the general function of the computer (including memory and storage), various applications and software. the concept and operation of DOS and DOS commands, plus introduces the operations and potentialities of DeskMate. 25-1124 ...

Wizard of Id's WizType. Your children learn to type words, sentences and paragraphs in a game with the characters from the comic strip "The

Learning with Leeper. Four award-winning preschool games help prepare children for reading, writing and math. Features shape matching, counting, eye-hand coordination and creativity skills. Fully animated program requires no adult supervision, 25-1118 44.95

NEW! Typing Tutor III. ① The fastest, most effective way to learn how to type on your computer. Features LETTER INVADERS, the arcade

NEW! Mastering the SAT. (1) Comprehensive and self-paced, the program places emphasis on the principles involved in each question and its solution, as well as test-taking strategies. Skill-development exercises cover Verbal, Math and the Test of Standard Written English. A full-length

Games and Entertainment

One-on-One. Basketball super-stars Larry Bird and Julius "Dr. J" Erving helped design it! Try 360-degree slam dunks, turn-around jump shots rebounding for tip-ins and more. But watch out the referee is looking for offensive and defensive fouls. For one or two players. 25-1111 . . 44.95

Pinball Construction Set. Choose from 32 ready-to-use game parts to build your own electronic pinball machine, or start from scratch. Save games for contests. 25-1112 44.95

Demon Attack. Waves of winged demons are invading, and you're Earth's only hope! Armed with laser cannons and missiles, you must defend your home from the interplanetary warriors.

Touchdown Football. Challenge the computer opponent with your own run, pass, punt and kick strategies. You can even program individual players. 25-1123

Lode Runner. You're a specially trained Galactic Commando behind the lines of the Bungeling Empire. They've stolen the treasure from your peaceloving people. You must run, jump, drill special passages and outsmart the guards if you're to get it back. 25-1113

Cutthroats. (1) You're the chief diver at a backwater island working for shady characters. Can you recover the treasure? 25-1121 49.95

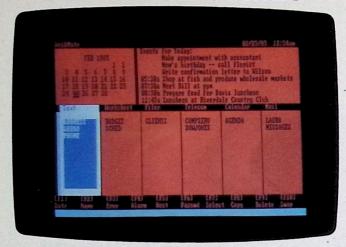
BC's Quest for Tires. An exciting action game featuring Thor from the comic strip "BC." Follow Thor as he tries to rescue the Cute Chick from the nungry dinosaur. 25-1115 44.95

New Low Price! King's Quest. Enter an adventurous world of three-dimensional graphics, sound and animated characters. Guide brave Sir Graham on his quest and return the king's treasures! Was \$69.95 in Cat. RSC-14. 25-1117 ...

- Also runs on the Tandy 1200 HD, plus the IBM PC and PC compatibles.
- Also runs on the Tandy 2000, Tandy 1200 HD, plus the IBM PC and PC compatibles

Micro Illustrator/TM Island Graphics. HomeWord, HomeWord Speller, King's Quest, Wizard of Id's Wiztype, BC's Quest for Tires and Learning with Leeper/TM Sierra On-Line, Inc. Managing Your Money/TM Micro Education Corporation of America. Facemaker, Kids on Keys, Kindercomp, Fraction Fever, Alphabet Zoo, Kidwriter and Trains/TM Spinnaker, Inc. Pipes/TM Creative Software. Typing Tutor and LETTER INVADERS/TM Kriya Systems, Inc. One-on-One and Pinball Construction Set/TM Electronic Arts. Demon Attack and Touchdown Football/ TM Imagic. Lode Runner/TM Broderbund. Cutthroats/TM Infocom. IBM/Registered TM International Business Machines Corp.

DESKMATE COMES WITH EVERY TANDY 1000!



- Text Processing for Memos and Correspondence
- Convenient Electronic Filing Electronic Spreadsheet
- Telecommunications Calendar/Alarm Electronic Mail

Get valuable applications software at no extra cost when you purchase a Tandy 1000 computer! DeskMate puts your Tandy 1000 to work right from day one with word processing, spreadsheet analysis, electronic filing, telecommunications and electronic mail. It's the easiest way to learn what word processing, for example, can do for you. It's also the best way to buy more powerful programs, because you'll already be familiar with applications before you ever spend a penny on software. DeskMate is extremely userfriendly, using the same commands throughout applications. The system takes advantage of the Tandy 1000's control keys, so there are no complicated commands to memorize. Each day you'll be greeted by a menu that displays a calendar, appointment schedule and a list of each file stored for every function.

And Now You Can Get Our Six-Function DeskMate for Other PC's for Only \$24995

TEXT. Word processing made simple. Control-key editing features make it easy to compose and edit text right on the screen. Then print correction-free copies as often as you wish with an optional printer.

WORKSHEET. This electronic spreadsheet uses simple "plain English" entries to make complex calculations instantly. View countless "What if . . . ?" situations in seconds. You can print all or a portion of your spreadsheet. It's perfect for everything from personal finance to marketing.

FILER. Create a name-and-address file, small inventory list and more. Simple commands let you create and find files easily. You can sort files by one or more fields and print your files in any order you wish.

TELECOM. By adding a telephone modem, DeskMate lets you communicate with a host computer, information service or another terminal. Information you receive can be printed or stored on diskette. TELECOM will even dial the phone number of anyone listed in FILER—at the touch of a key.

CALENDAR. Set up an agenda for a month, as well as your daily appointment calendar. Finding, adding and deleting events is easy. And you can also place events in an alarm file that will sound an alarm through the Tandy 1000's built-in speaker to remind you of appointments.

MAIL. This special program lets you send and receive messages to and from other DeskMate users over the phone.

Your Tandy 1000 and DeskMate software come with a thorough, easy-tounderstand tutorial manual, a reference manual and quick-reference guide. DeskMate is your first step in software—and your best!

DeskMate Software for Other Computers!

NEW! DeskMate for the Tandy 2000. 26-5316	249.95
NEW! DeskMate for the Tandy 1200HD, IBM PC and PC Compatible 25-3166	les. 249.95
NEW! DeskMate for the Model 4/4P. 26-1608	249.95
IBM/Registered TM International Business Machines Corp. DeskMate requires an 80-column monitor.	

Tandy 1000 Accessories Let You Take Control

(1) New Low Price! Deluxe Joystick. Was \$49.95 in 1985 Catalogue. 26-3012...39.95 (2) Color Mouse. Simply "roll" across tabletop to position cursor. 26-3025...... 69.95

182

(3) Touch Pad. Use for games or creating free-hand graphics. 26-1185 89.95 Digl-Mouse™ Two-Button Mouse. Requires #25-1010, below. 26-1197 139.95



User-Installable Tandy 1000 Expansion Boards, Upgrades and Options

New Low Price! 128K RAM Upgrade Kit. Use to upgrade from 256K to 384K or from 512K to 640K. Gives you a total of 640K memory in conjunction with two Expansion Boards, above. Was \$219.00 in Cat. RSC-14.

*For Tandy 1000, 1200 HD, IBM PC and PC Compatibles

NEW LOW PRICE



Tandy 1000 Gives You More Features Than an IBM® PC For Much Less, Plus **IDeskMate™ Software at No Charge**

Was 1749.00 in Cat. RSC-14

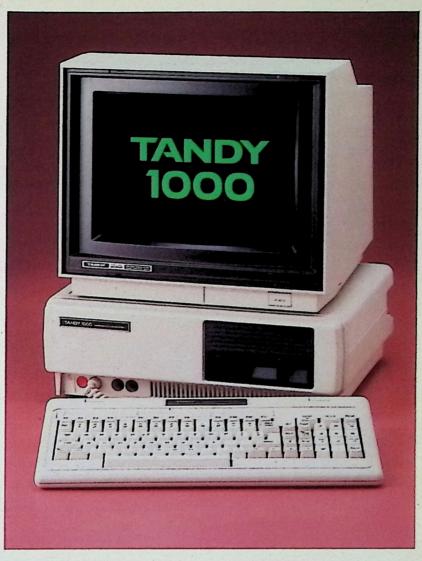
*Low As \$45 Per Month on Bencharge

Monitor sold separately.

Compare Tandy 1000 with the IBM PC		
Feature Description	Tandy 1000	IBM PC
Monochrome Graphics	Included	Option
Color Graphics	Included	Option
Joystick Interfaces	Included	Option
Keyboard	90 Keys	83 Keys
Printer Interface	Included	Option
Light Pen Interface	Included	Option
Hard Disk	Option	Option
Secondary Floppy	Option	Option
DOS/BASIC	Included	Option
Bundled Applications	Included	No
PC Expansion Slots	3	5*

**Ncte: only three slots available on PC for expansion.
IIBM/Registered TM International Business Machines Corp.

Tandy 1000. In price and performance, it's only natural to compare the Tandy 11000 with IBM's PC. After all, both let you choose from an astounding collec-Ition of MS-DOS programs. Buying an IBM PC, however, is like getting only thalf a machine. You'll also need to purchase adapters to use a monitor, printer, joysticks and light pen. The Tandy 1000 includes these adapters, as well as such "extras" as a disk operating system and BASIC. And unlike IIBM's PC, every Tandy 1000 comes with applications software. We call it IDeskMate, and it features the applications today's computer-user wants most ((see previous page.) The Tandy 1000 comes with 128K RAM, expandable to 6640K. Monochrome and color graphics adapters are built right in for easy lhookup to a monitor or to any color TV (with optional RF modulator). There's calso a three-voice sound circuit, plus a built-in speaker for sophisticated ssound and music generation. Whatever your applications needs, the Tandy 11000 is the personal computer for you. Because the Tandy 1000 is IBM PCcompatible, an enormous selection of programs is already available.



NEW! Tandy 1000 HD. Now you can get a high-capacity business computer at a price lower than you ever dreamed. The Tandy 1000 HD comes with 256K memory and a built-in ten-megabyte hard disk drive. That's 10 million characters of fast-access storage for data base processing, inventory control, accounting and payroll—any of the big jobs. Best of all, the Tandy 1000 HD is

Specifications

Microprocessor: Intel 8088 processor. Clock speed, 4.77 MHz Operating System: Includes Microsoft's advanced MS-DOS 2.11 with BASIC. Memory: 128K RAM, expandable to 640K. Keyboard: 90-key sculptured, including numeric keypad. Twelve programmable Special Function keys. Video Display: Optional high-resolution, non-glare 12" monochrome (green) or color monitor. 80 or 40 characters

per line by 25 lines. High-resolution monochrome and color graphics (displaying per line by 25 lines. High-resolution monochrome and color graphics (displaying 8 colors selected from 16). **Disk Drives:** One built-in double-sided, double-density, 360K (formatted) thin-line 5½" mini-floppy, 48 tracks per inch. **Internal Expansion:** Three user-accessible IBM PC-compatible 10" card slots, second 360K Floppy Disk Drive. **External Connections:** Standard parallel printer port, monochrome monitor, light pen adapter, two joysticks, RGBI Color Monitor, composite video and audio, AC outlet. **Power:** 120 VAC, 60 Hz.

New! Tandy 1000 10-Megabyte Hard Disk



*Low As \$28 Per Month on Bencharge

Get 10 million characters of storage. (Requires Hard Disk Controller Board (page 182). 25-1025 999.00

Monitors and Display Accessories

VM-2 Monochrome Monitor. 26-3211	229.95
NEW! CM-4 RGB Color Monitor. 25-1021	459.00
New Low Price! CM-2 High-Resolution RGB Color Monito \$799.00 in Cat. RSC-14. 26-3212	
Monitor Pedestal for the VM-2. 26-5115	149.95
RF Modulator. Lets you use your Tandy 1000 in a 40 x 25 format w color TV. Requires Video Dub Kit (below). 15-1273	ith any . 34.95
Video Dub Kit. Connects Tandy 1000 to RF Modulator. 15-1525	

183

Apply for Your Radio Shack/Bencharge Card Today and Increase Your Buying Power



